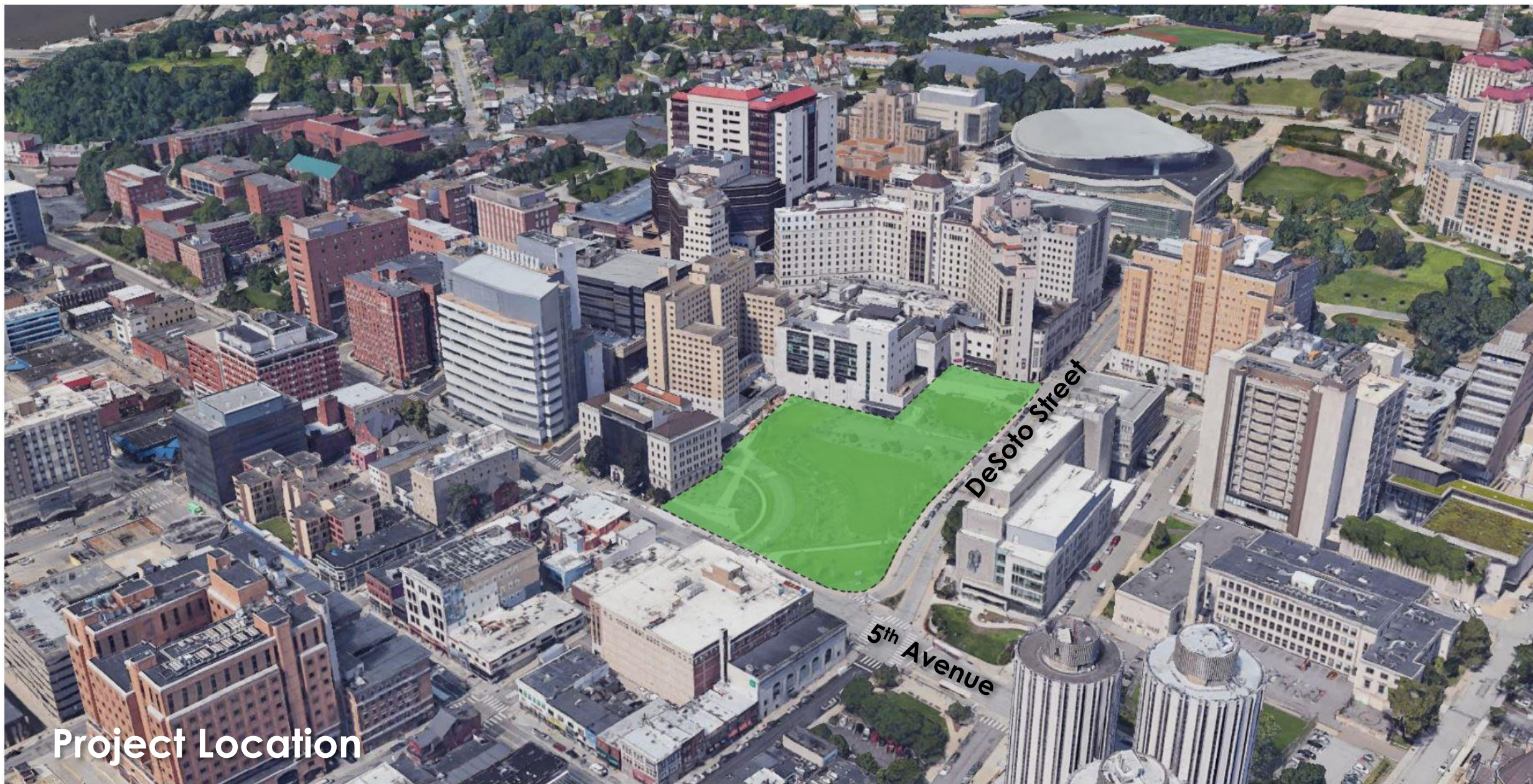


Planning Commission Hearing

UPMC Presbyterian

March 22, 2022





Project Location

3701 Fifth Ave

Project Location/Scope

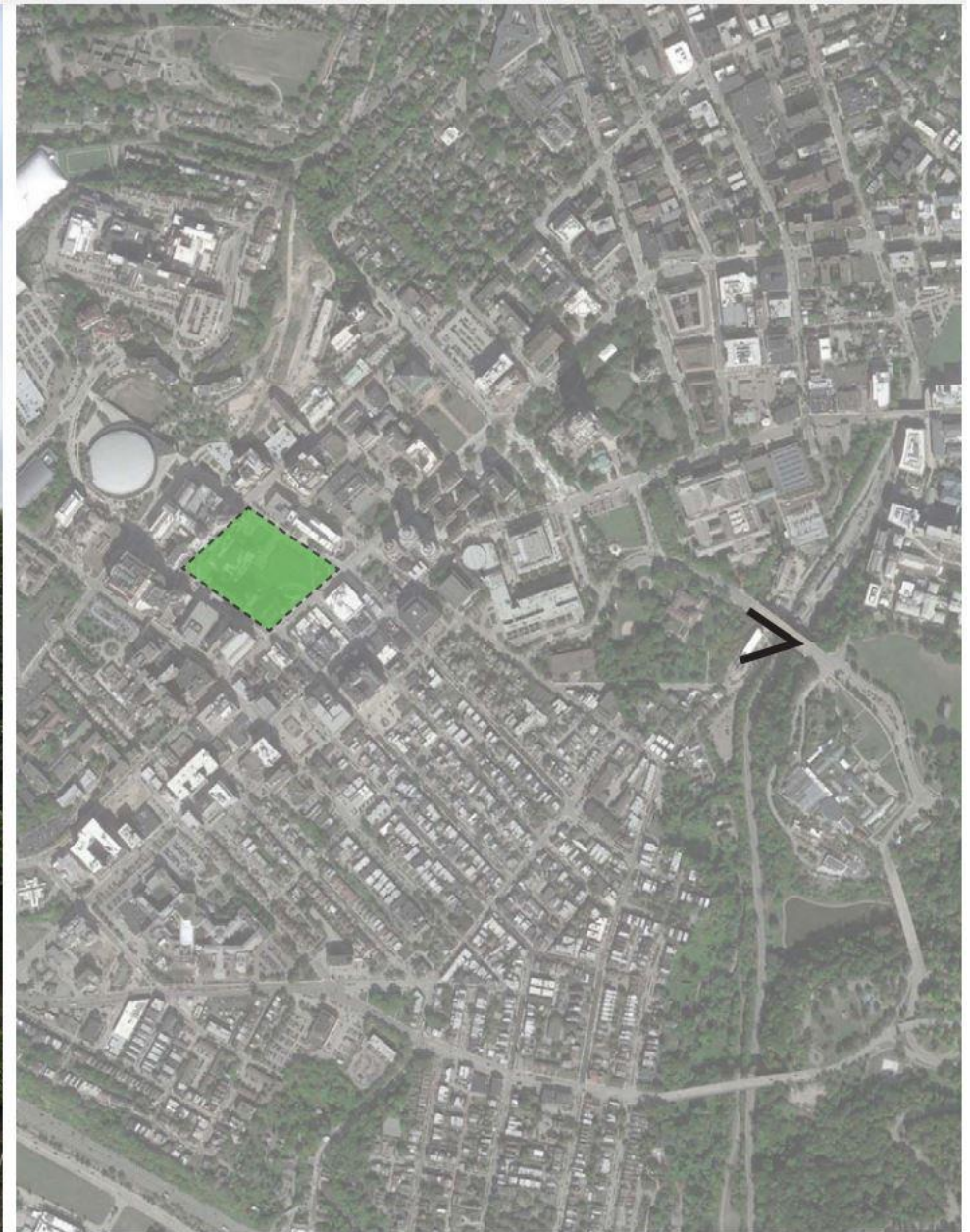
Corner of 5th and DeSoto

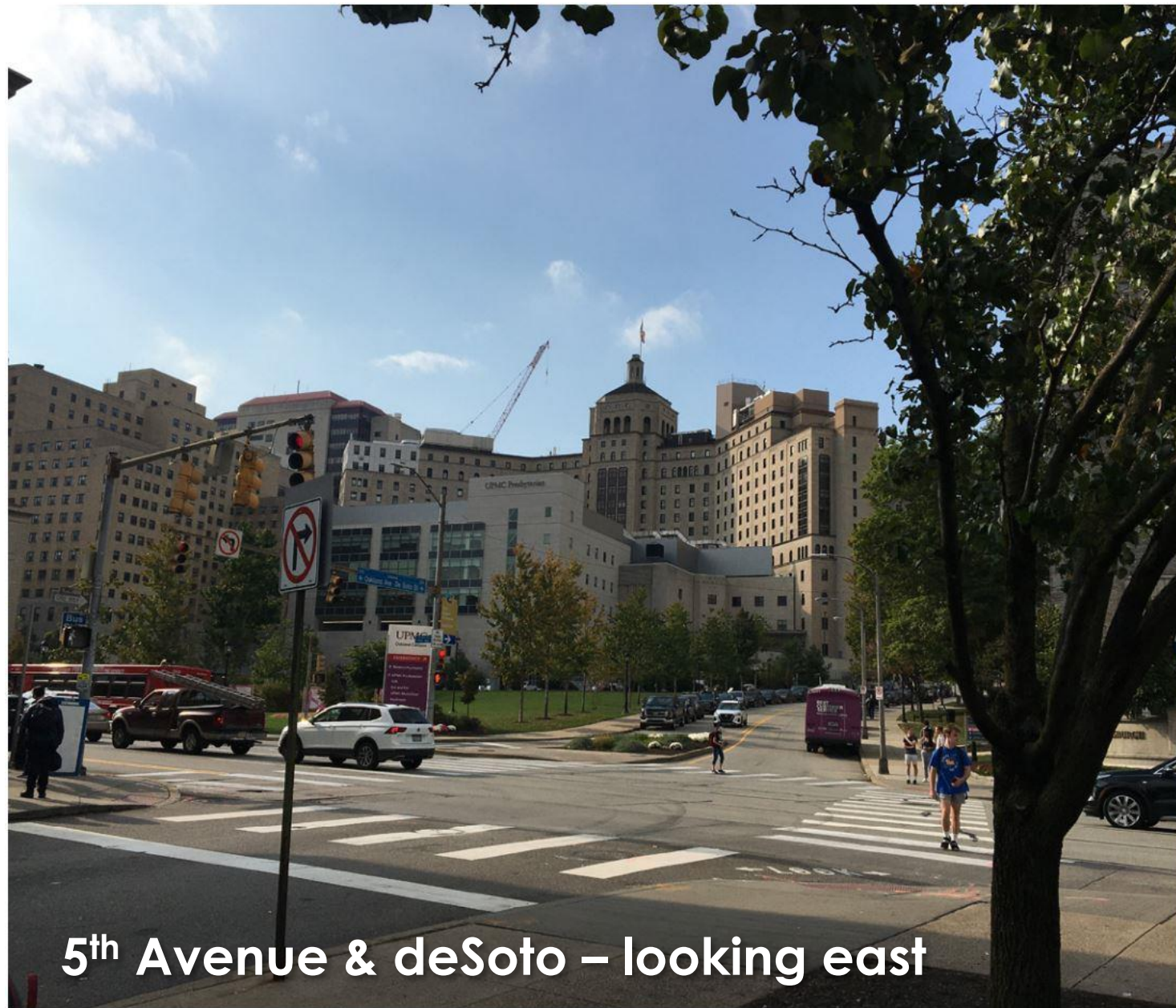
- *636 Private Beds*
- *Project Square Footage*
 - *Hospital – 871,462 SF*
 - *Retail / Restaurant – 4,818 SF*
 - *Parking – 201,095 SF*
 - *450 Cars*
- *ED and Ambulance drives to remain in place*





View from Schenley Park





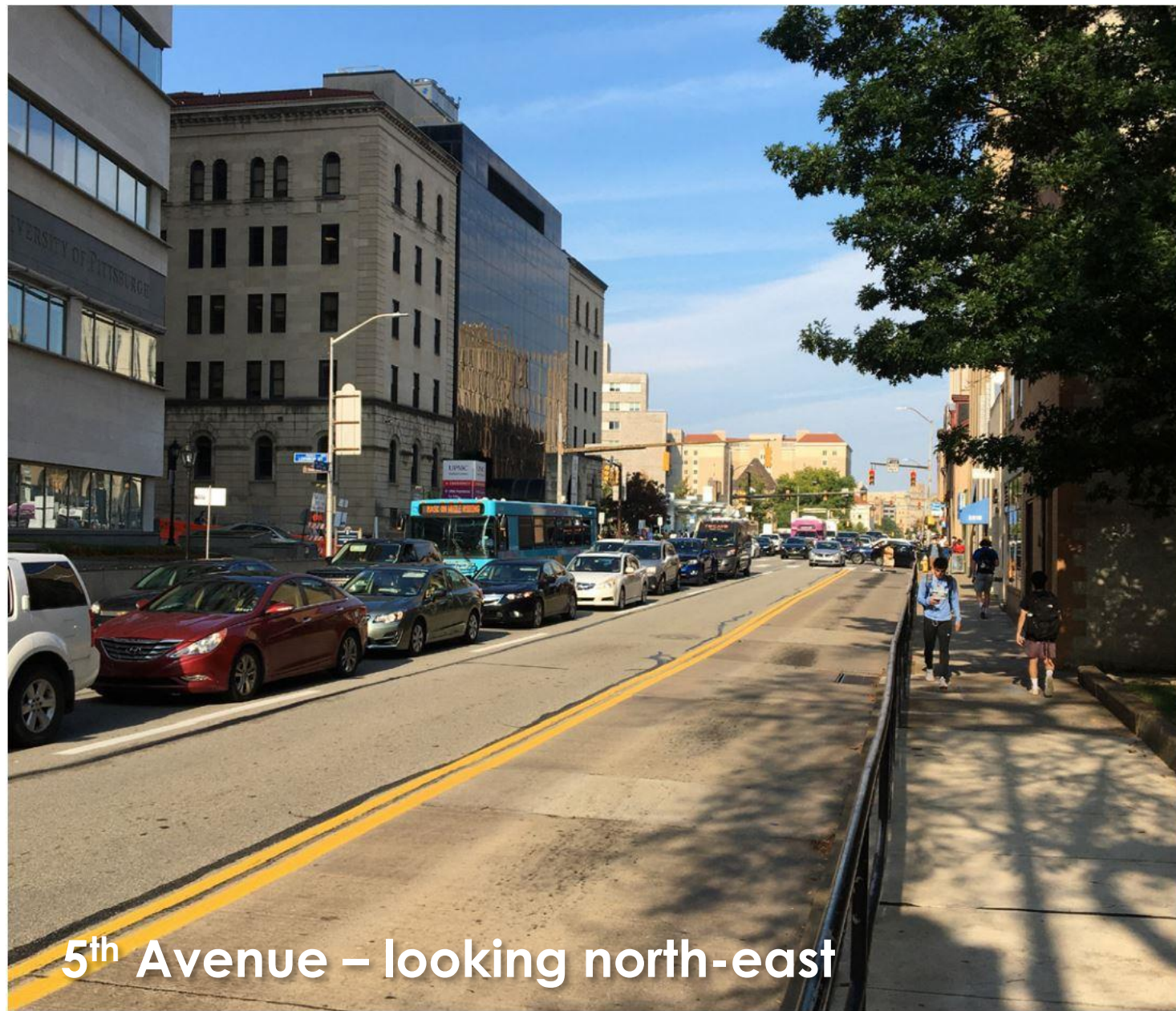
5th Avenue & deSoto – looking east





deSoto Street – looking east







0' Setback

20' Setback

0'

200'

N



LOTTHROP STREET

DESOTO STREET

FIFTH AVENUE



LOTTHROP STREET

Falk Entry

Parking

Main Entry

Lifestyle
Village Entry

Inpatient
Falk

DESOTO STREET

FIFTH AVENUE



Parking

ED Entry

North Entry

Falk Entry

Main Entry

Parking

Lifestyle
Village Entry

LOTHROP STREET

DESOTO STREET

FIFTH AVENUE



OP (Neuro, Imaging, Surgery, GI, HVI)
Emergency
Specialty Inpatient



Inpatient
Falk

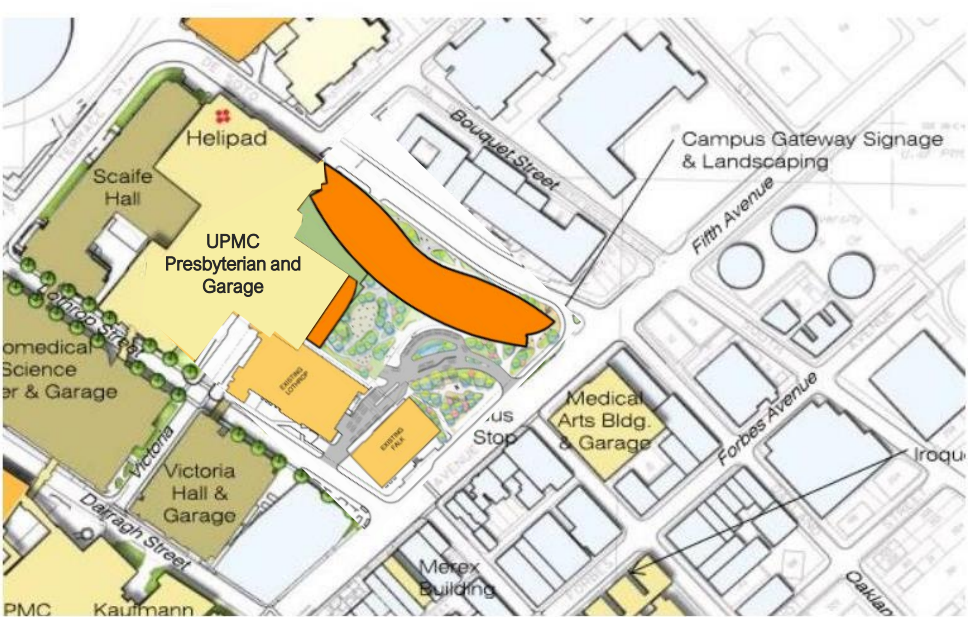


View from Schenley Park

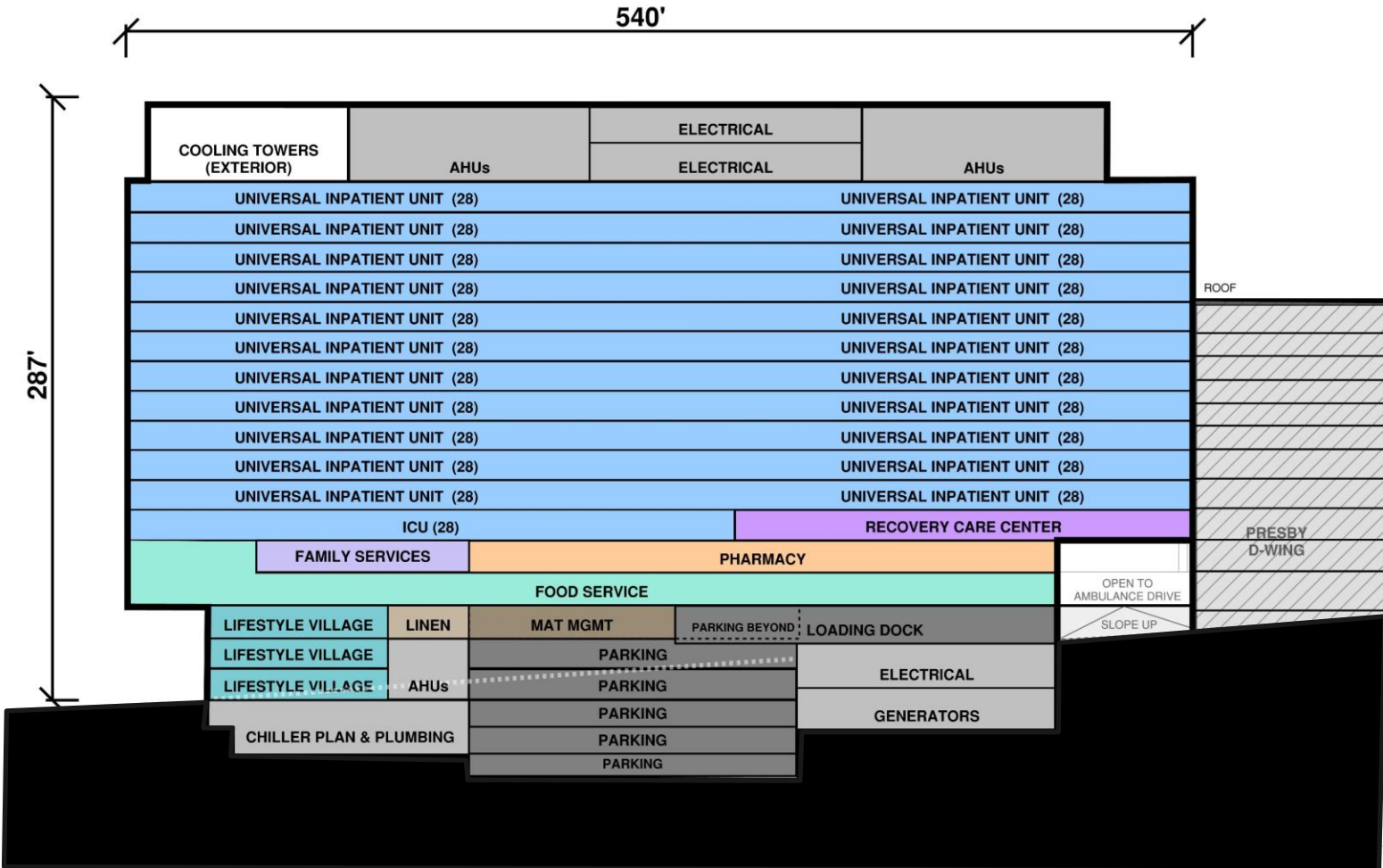


IMP Alignment

UPMC Presbyterian – Institutional Master Plan



	2014 IMP	Concept Design
Adjacent EMI Boundaries	Desoto & Fith Avenue	Desoto & Fith Avenue
Adjacent Zones	UP EMI, OPR-C	UP EMI, OPR-C
Building Program	Inpatient beds, diagnostic & treatment, outpatient care	Inpatient beds, diagnostic & treatment, outpatient care
Parking Spaces (#)	450	450
Maximum Floor Area (SF)	900,000	NTE 900,000
Maximum Height (Feet)	300 above Fifth Avenue	Not to Exceed 300
Maximum Height (Stories)	17	Not to Exceed 17
Setback @ Lothrop (feet)	0	0
Setback @ Desoto (feet)	0	0
Setback @ Fifth (feet)	20	Minimum 20
New Helipad	No	No
New Vehicular Access	From Fifth and Desoto	From Fifth and Desoto
Impervious Surface Coverage	89%	Not to Exceed 89%





Exterior Design & Materials



Aerial View

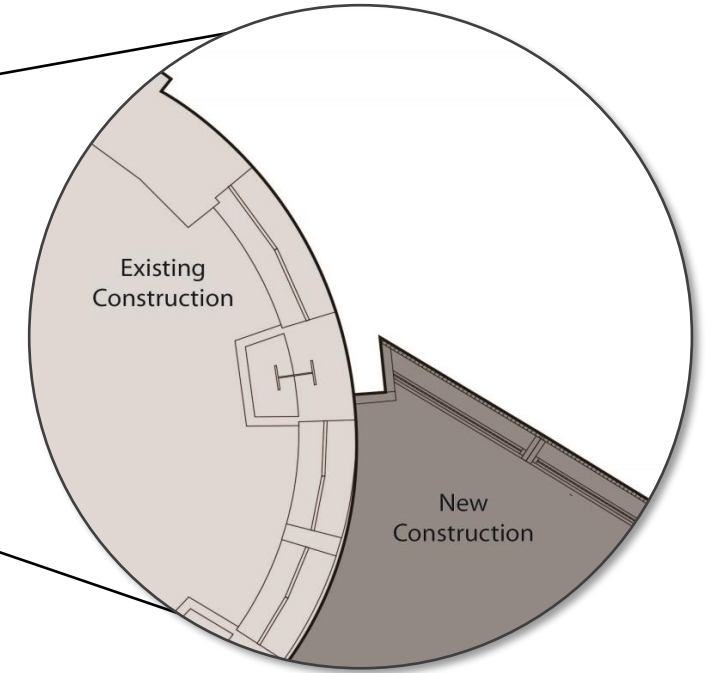




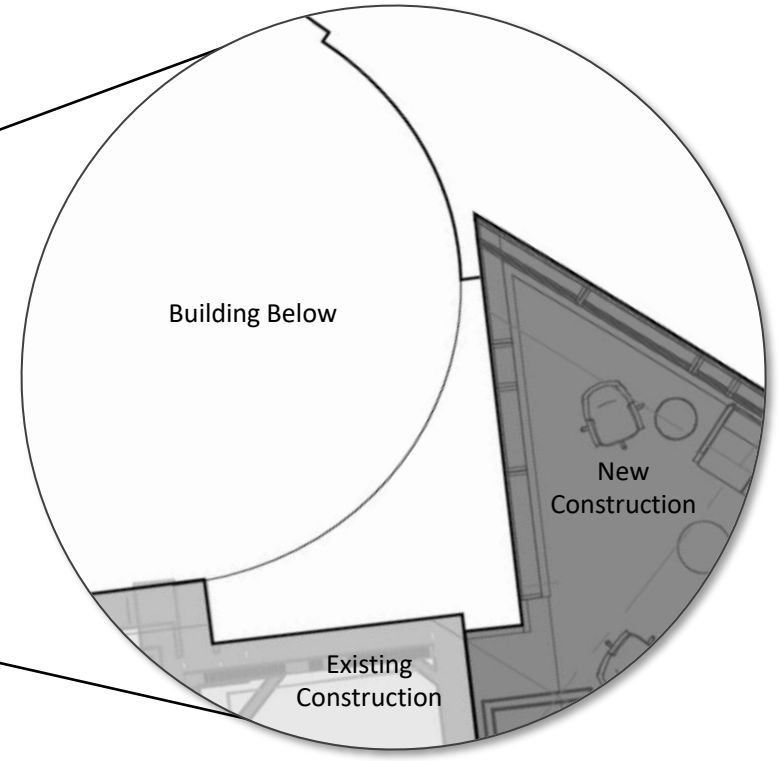
South Tower Façade



DeSoto Street



DeSoto Street





Entry Court



Night Lighting

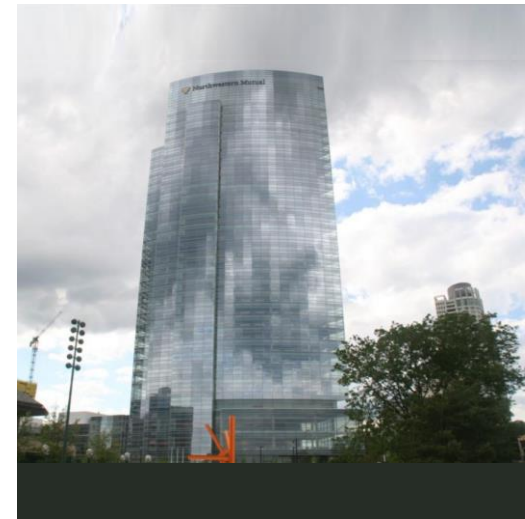
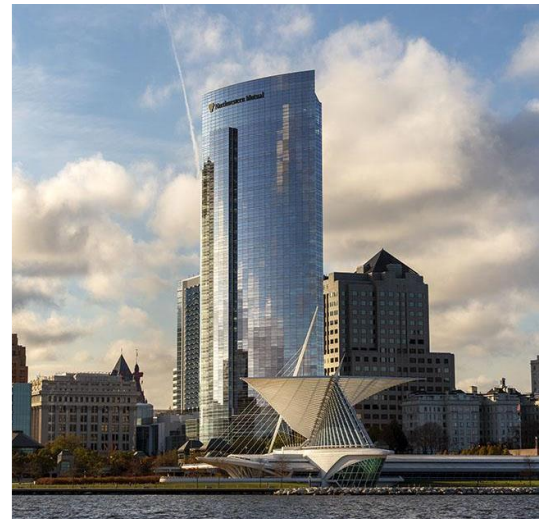


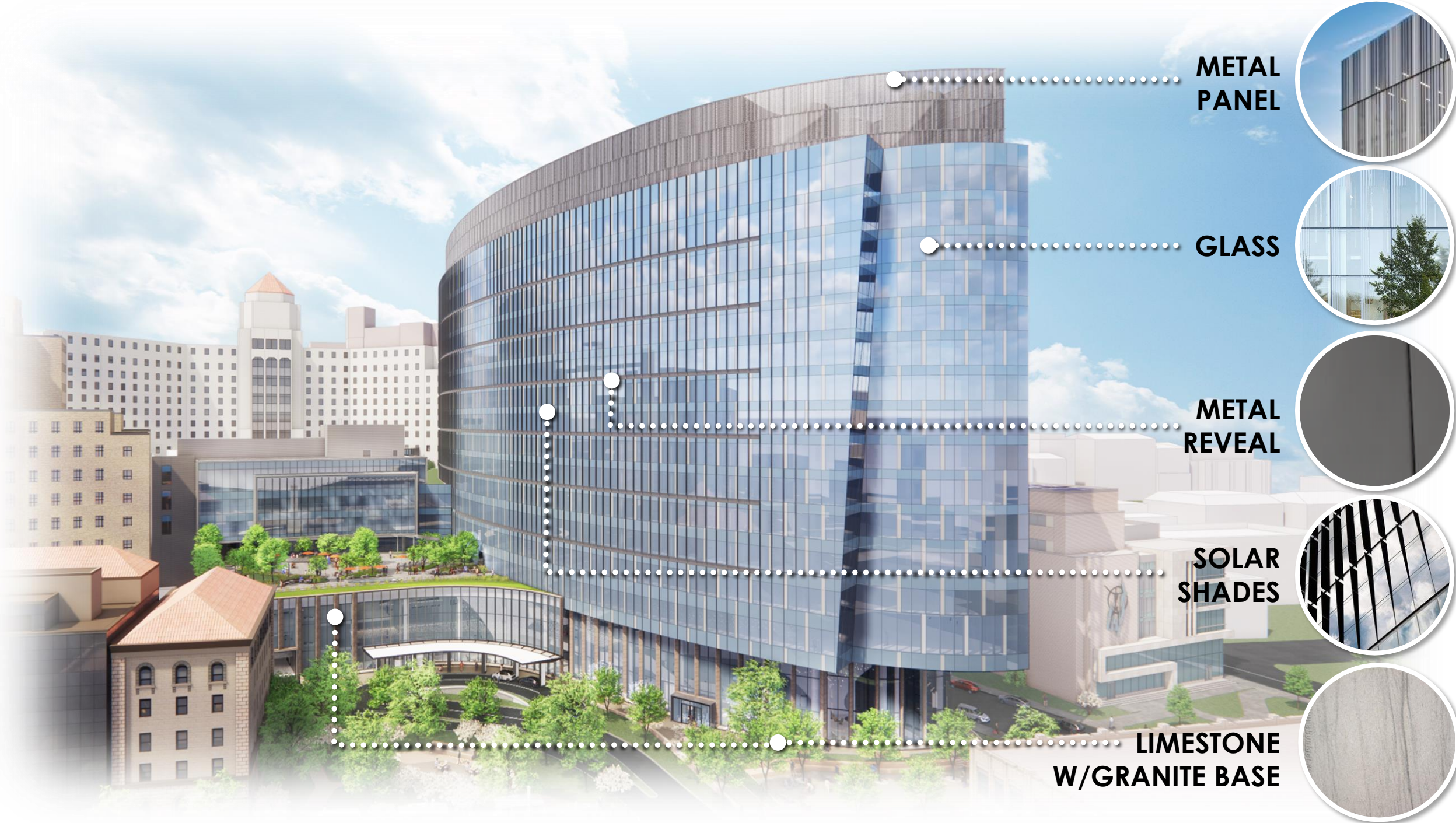
Night Lighting DeSoto Street Level Experience



Exterior Building Materials

GLASS TOWER EXPERIENCE





**METAL
PANEL**



GLASS



**METAL
REVEAL**

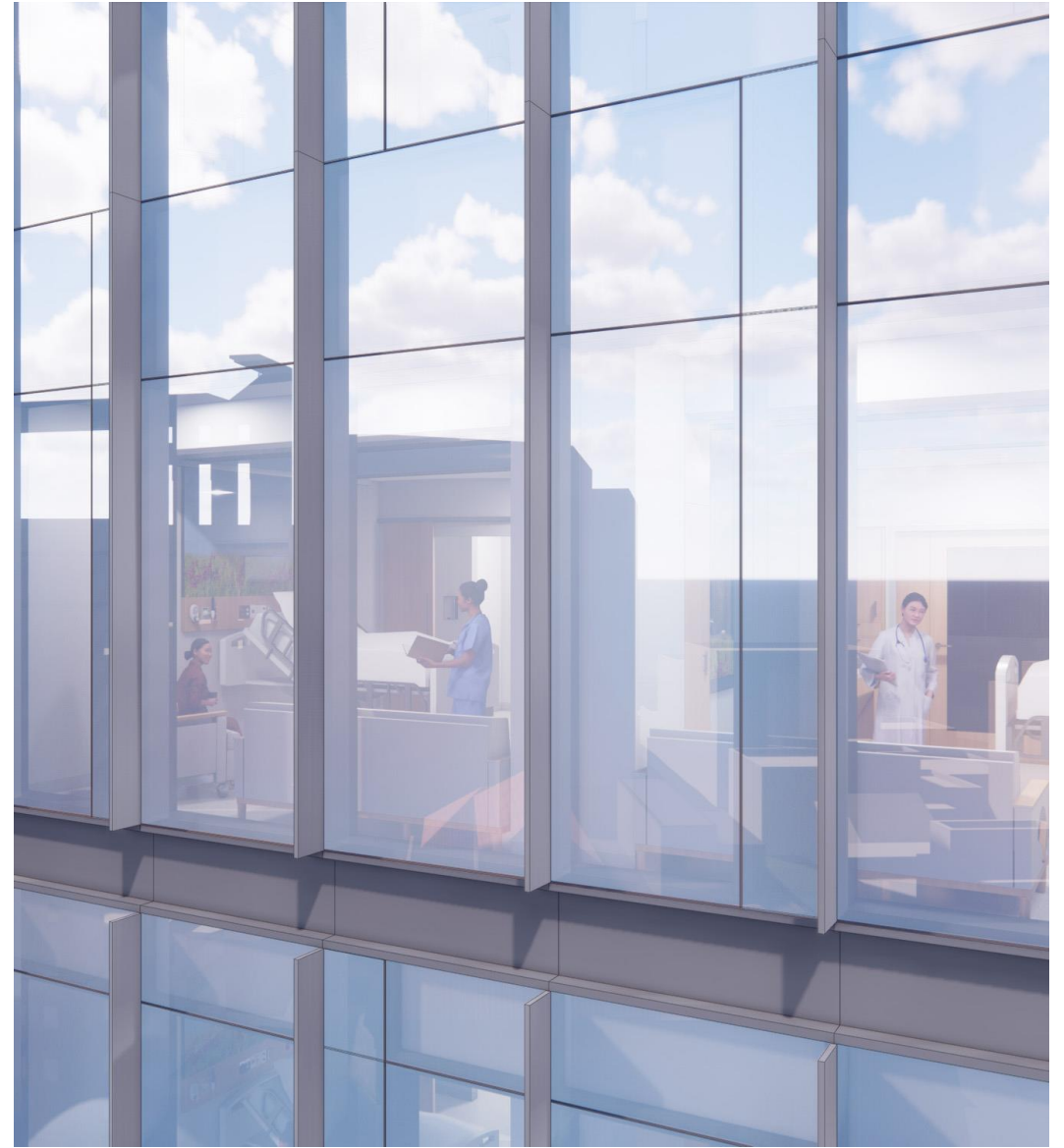


**SOLAR
SHADES**



**LIMESTONE
W/GRANITE BASE**





Materials & Textures – details of Base and Tower



Existing Presbyterian Patient Room



Proposed New Presbyterian Patient Room

Spatial Daylight Autonomy (sDA)

Area of the room with good daylight.
This number should be as high as possible, at least 45%.

Annual Sun Exposure (ASE)

Area of the room with daylight over-intensity typically causing glare. This number should be as low as possible, ideally below 10%, but 30% is a realistic goal for the SW facade.

LEED Daylight

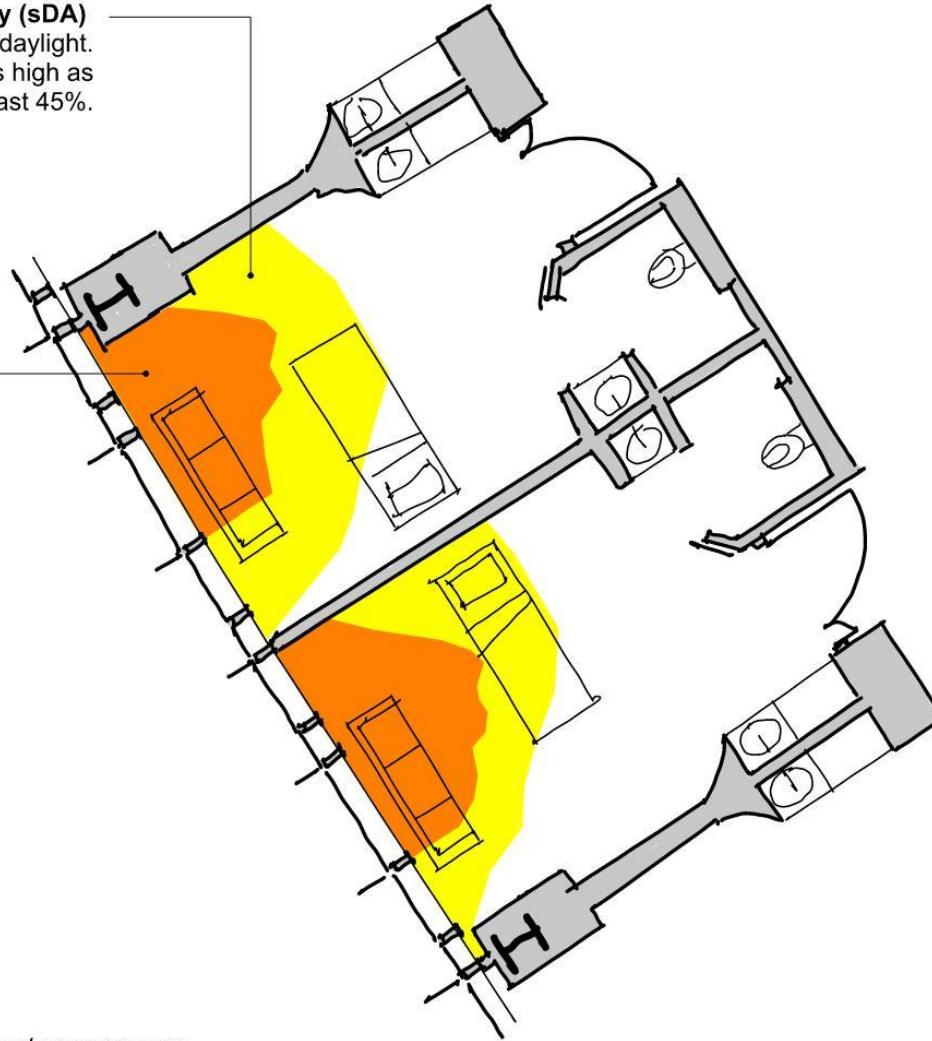
Spatial Daylight Autonomy

40% = 1 point
55% = 2 points
75% = 3 points

Annual Sun Exposure

10% or less
11-20% with glare reduction strategies

Spaces with an automated dynamic façade system or spaces smaller than 250 square feet are exempt from the ASE requirement. Patient rooms are 242 square feet.



Blinds Closed

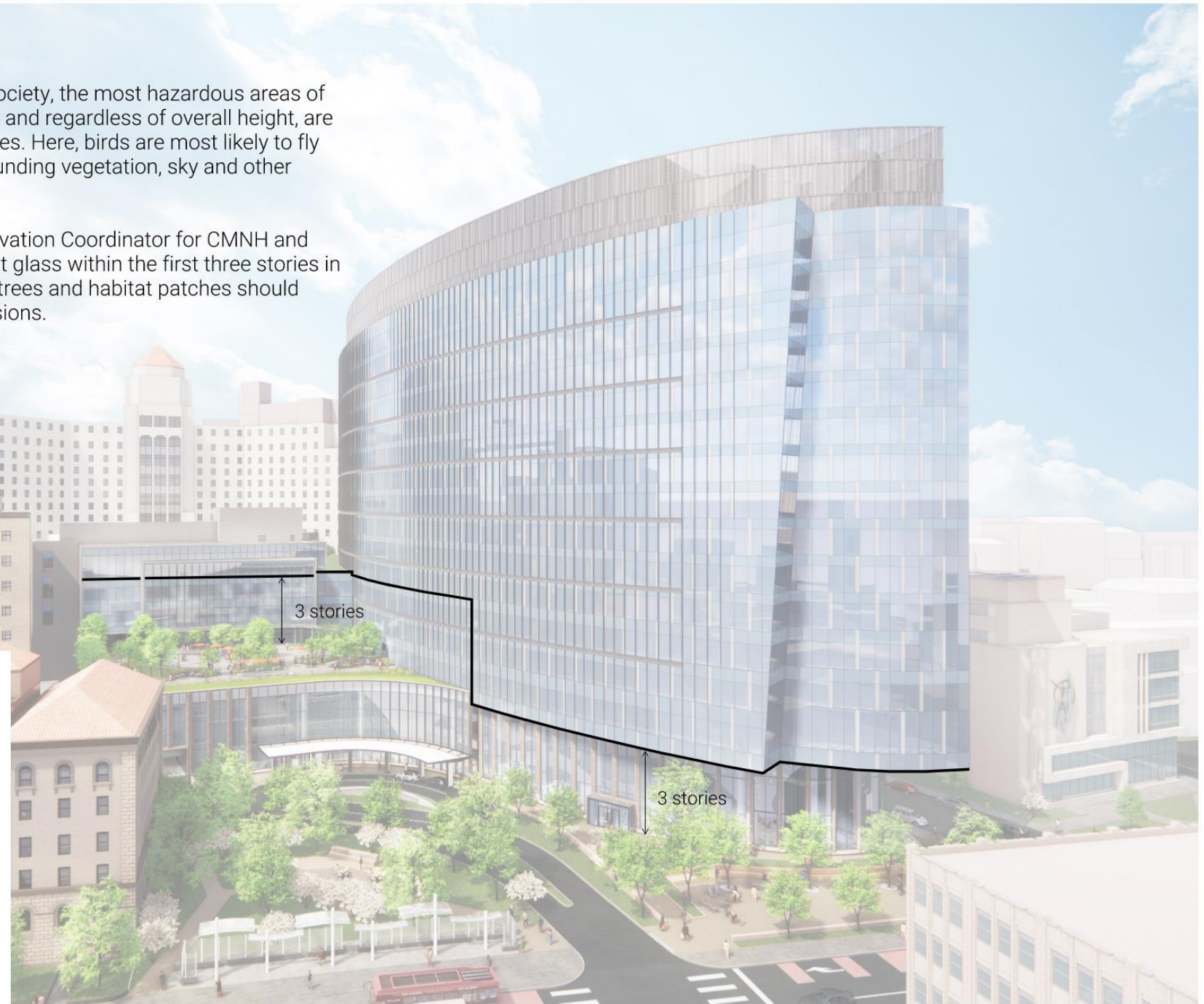
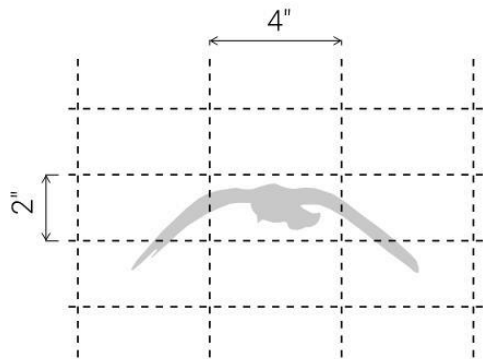
Amount of time per day on average that the blinds are predicted to be closed due to visual discomfort. Less than 3 hours per day is a realistic goal for the SW facade.

Bird Safe Glass

According to the National Audubon Society, the most hazardous areas of all buildings, especially during the day and regardless of overall height, are the ground level and bottom few stories. Here, birds are most likely to fly into glazed facades that reflect surrounding vegetation, sky and other attractive features.

Jonathan Rice, the Urban Bird Conservation Coordinator for CMNH and BirdSafe Pittsburgh, recommends that glass within the first three stories in close proximity to green roofs, street trees and habitat patches should include measures to reduce bird collisions.

diagram showing pattern requirements for bird visibility



SCREENING ANALYSIS RESULTS



Peak Annual Reflected Irradiance - Visible Reflectance (Visual Glare)

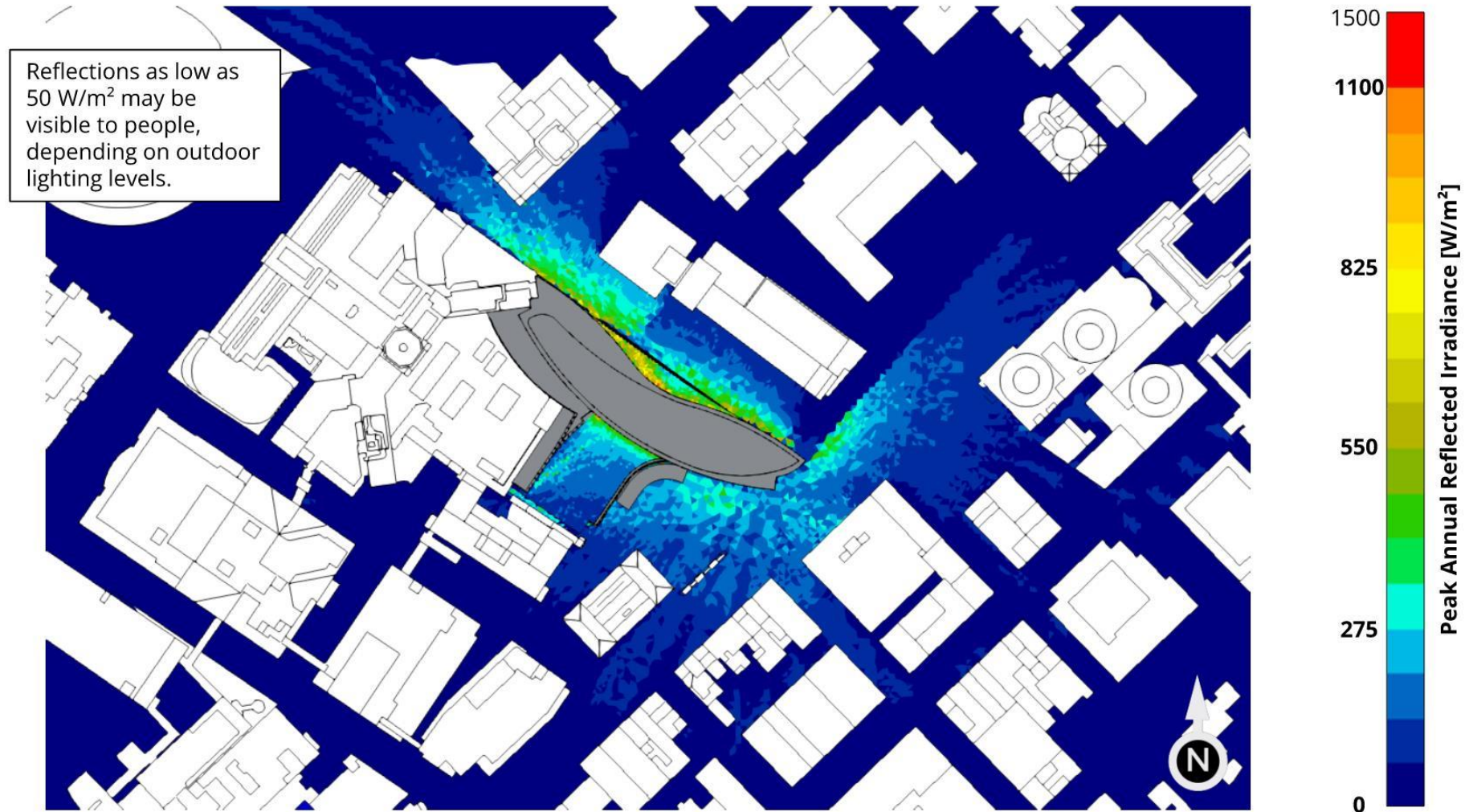
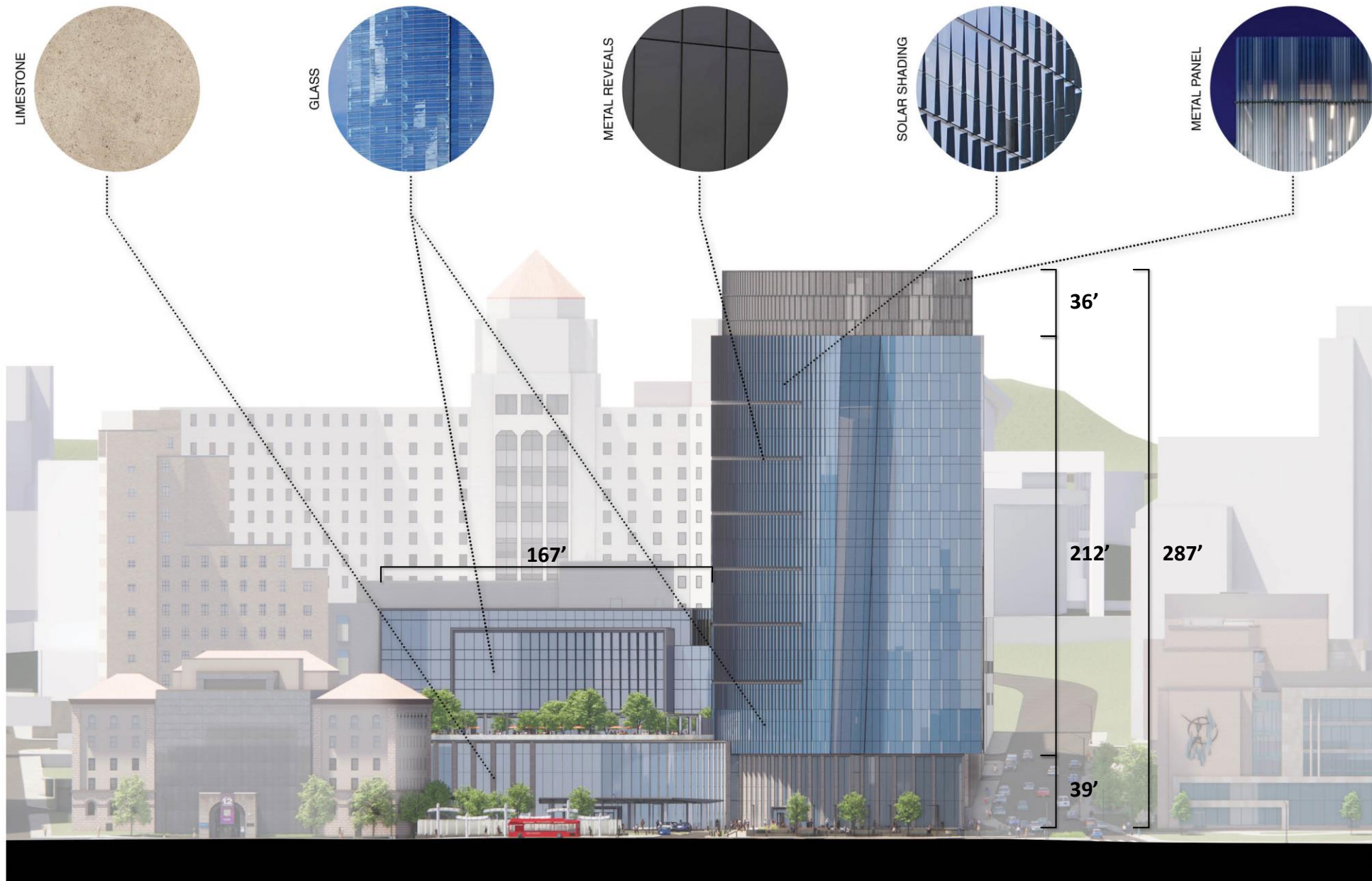
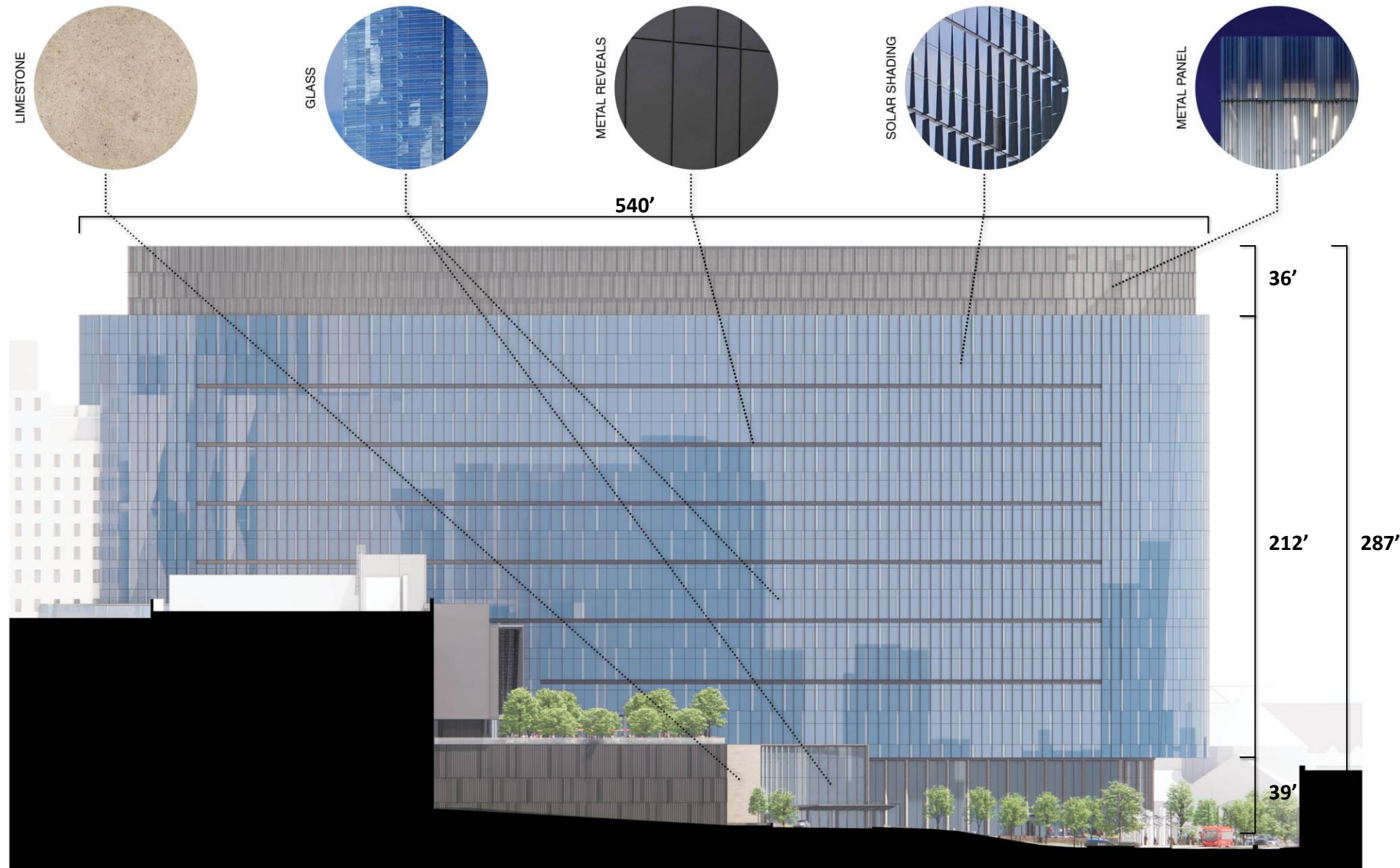


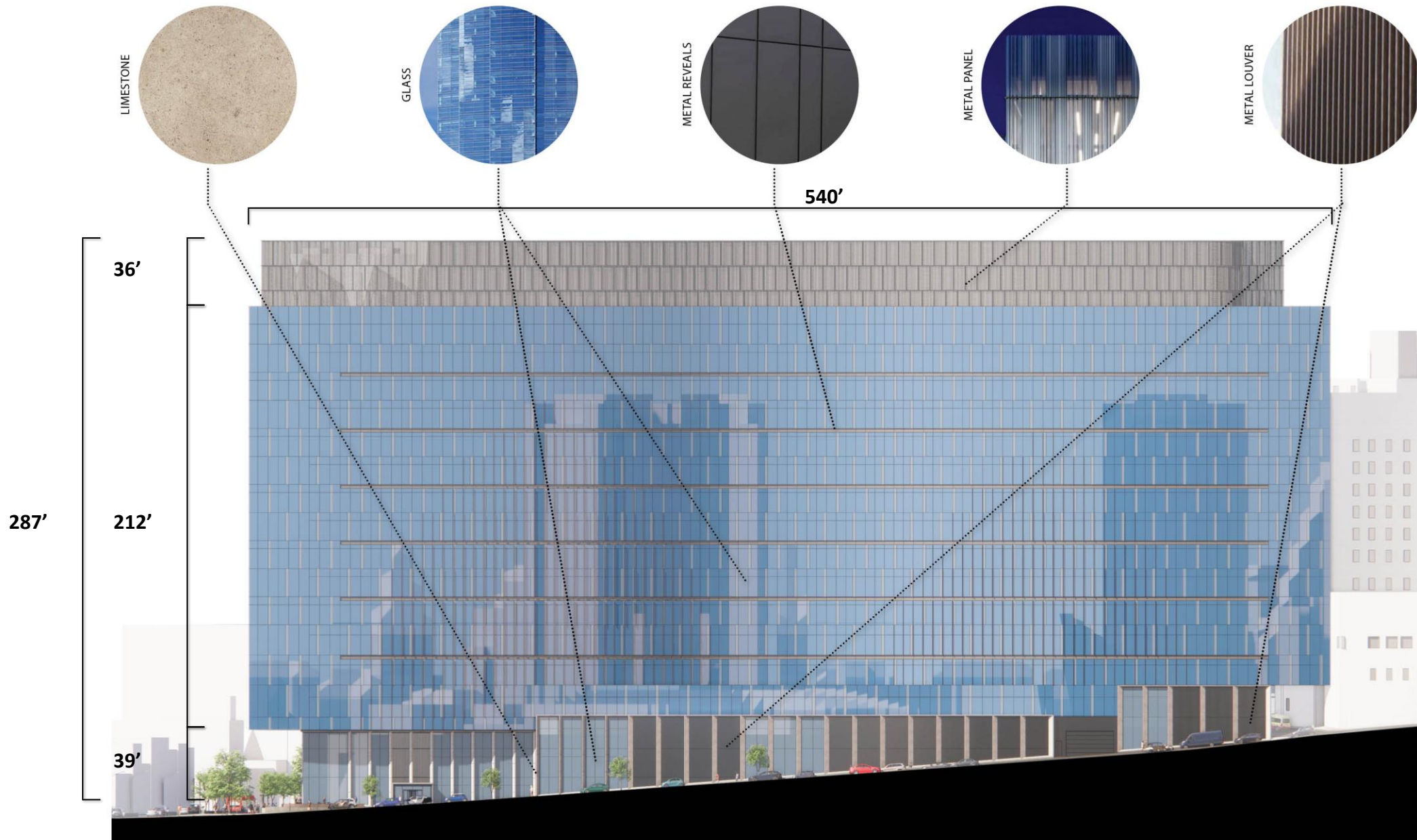
Figure 6a: Maximum Annual Intensity of Visible Reflections at Pedestrian Height



Southeast Exterior Elevation – 5th Avenue



Southwest Exterior Elevation From Lothrop



Northeast Exterior Elevation – DeSoto Avenue



Landscape Design & Site Accessibility

LANDSCAPE PLAN

- *Introduce significant new tree canopy*
- *Include native plant species that support local pollinators and fauna*
- *Capture significant storm water on site*



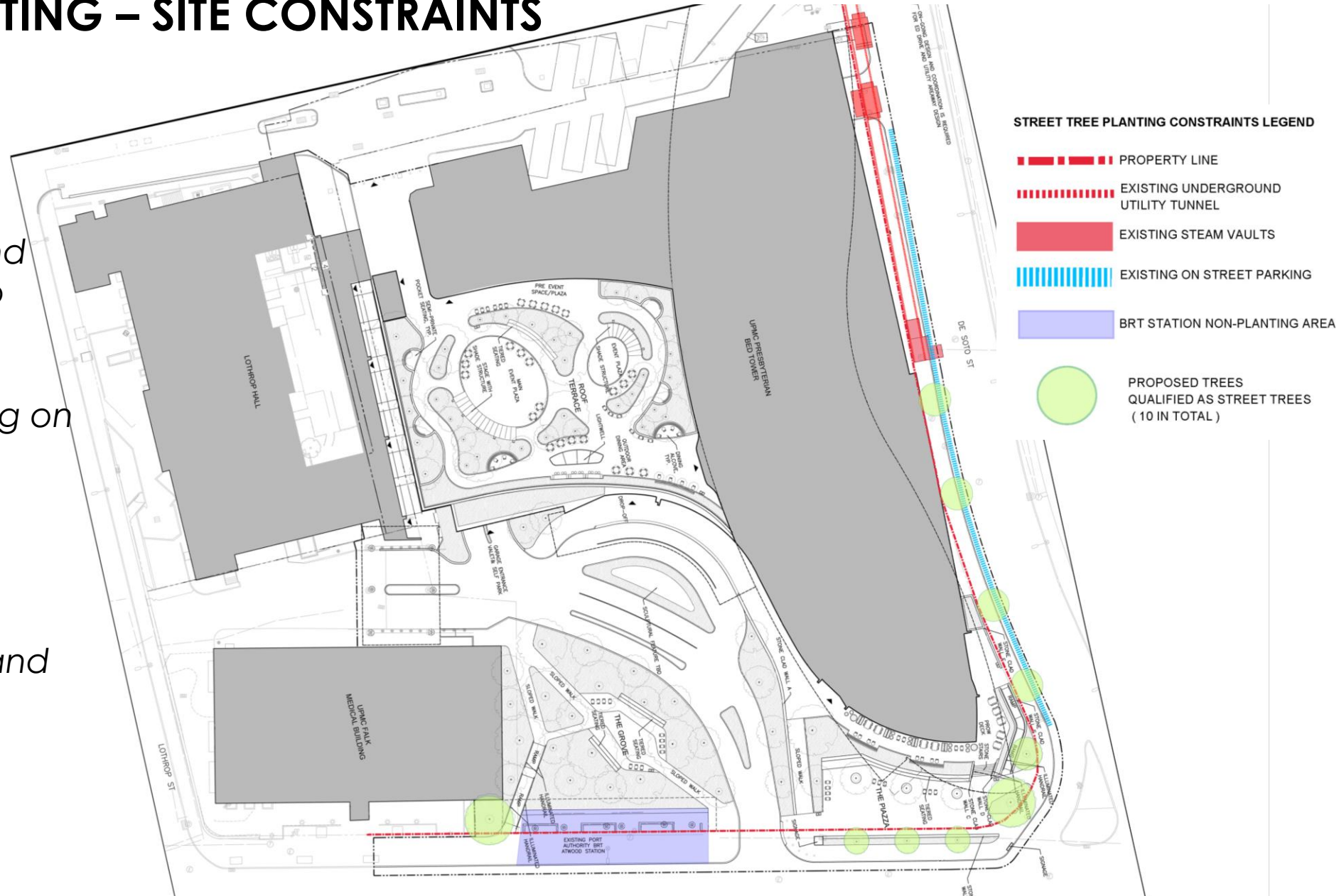
EXISTING TREE CANOPY

- Existing tree canopy coverage 6,237 sq.ft.
- Majority of the trees on site are under 3" caliper



STREET TREE PLANTING – SITE CONSTRAINTS

- Existing steam vaults and utility tunnel on De Soto Street
- Existing on street parking on De Soto Street
- Zero lot line on De Soto Street side (IMP)
- BRT station clearance and sight line requirements



PROPOSED TREE CANOPY

- Roof terrace x 30 trees proposed
- Entry Level x 41 trees proposed
- Proposed tree canopy coverage at installation – 16,002 sqft



PRELIMINARY PLANTING PALETTE – TREES AND SHRUBS

CANOPY TREES



AMERICAN HOPHORNBEAM
Ostrya virginiana
DECIDUOUS
HEIGHT: 20-40 ft
SPREAD: 15-30 ft
BLOOM: SPRING, GREEN/YELLOW
INTERESTS: SCALY BARK, YELLOW TO GOLD FALL COLOR
HABITAT CONTRIBUTION: ATTRACTS BUTTERFLIES, SMALL MAMMALS, BIRDS



AMERICAN DREAM OAK
Quercus bicolor 'JFS-KW12' TM
DECIDUOUS
HEIGHT: 50 ft
SPREAD: 40 ft
BLOOM: SPRING, INCONSPICUOUS
INTERESTS: YELLOW FALL COLOR, PEELING BARK
HABITAT CONTRIBUTION: ACORNS ARE FOOD SOURCE FOR SQUIRRELS / MIGRATORY BIRDS



RED SUNSET MAPLE
Acer rubrum 'Franksred'
DECIDUOUS
HEIGHT: 45-50 ft
SPREAD: 35-40 ft
BLOOM: WINTER TO SPRING, RED CLUSTER OF SMALL FLOWERS
INTERESTS: ORANGE AND RED FALL COLOR
HABITAT CONTRIBUTION: REDDISH WINGED SUMMER FRUIT FOR BIRDS AND SQUIRRELS



DURA HEAT RIVER BIRCH
Betula nigra 'BNMT'
DECIDUOUS
HEIGHT: 40-70 ft
SPREAD: 40-60 ft
BLOOM: INCONSPICUOUS FLOWERS
INTERESTS: PEELING AND CURLING CINNAMON-COLORED BARK
HABITAT CONTRIBUTION: SEEDS ARE EATEN BY SONG BIRDS



AMERICAN HORNBEAM
Carpinus caroliniana
DECIDUOUS
HEIGHT: 20-30 ft
SPREAD: 20-30 ft
BLOOM: YELLOW GREEN CATKINS, MID-LATE SPRING
INTERESTS: MUSCULAR APPEARANCE BARK
HABITAT CONTRIBUTION: HOST PLANT FOR CATERpillARS, PROVIDE FOODS FOR GREY SQUIRRELS



AMERICAN HOLLY
Ilex opaca
EVERGREEN
HEIGHT: 40-60 ft
SPREAD: 10-30 ft
HABITAT CONTRIBUTION: PROVIDE FOOD FOR BIRDS AND SMALL MAMMALS



EASTERN WHITE PINE
Pinus strobus 'Nana'
EVERGREEN
HEIGHT: 50-80 ft
SPREAD: 20-40 ft
HABITAT CONTRIBUTION: PROVIDE FOOD FOR SONG BIRDS AND SMALL MAMMALS

UNDERSTORY TREES



AUTUMN BRILLIANCE SERVICEBERRY
Amelanchier x grandiflora 'Autumn Brilliance'
DECIDUOUS
HEIGHT: 15-25 ft
SPREAD: 15-25 ft
BLOOM: APRIL, FRAGRANT WHITE FLOWERS
INTERESTS: DARK PURPLISH-BLACK BERRIES IN JUNE, RED-ORANGE FALL COLOR
HABITAT CONTRIBUTION: BERRIES ARE EATEN BY BIRDS

UNDERSTORY TREES



JELENA WITCH HAZEL
Hansamelis x intermedia 'Jelena'
DECIDUOUS
HEIGHT: 15-20 ft
SPREAD: 15-20 ft
BLOOM: OCTOBER TO DECEMBER, FRAGRANT YELLOW/ORANGE FLOWERS
INTERESTS: FALL COLOR, WINTER BLOOM
HABITAT CONTRIBUTION: FRUITS ARE EATEN BY BIRDS



HYPERION RUTGERS DOGWOOD
Cornus x rutgersensis 'K1711-1'
DECIDUOUS
HEIGHT: 15-20 ft
SPREAD: 15-20 ft
BLOOM: APRIL TO MAY, WHITE FLOWERS
INTERESTS: RED FALL COLOR, AND RED FRUITS
HABITAT CONTRIBUTION: SEEDS ARE EATEN BY SONG BIRDS

SHRUBS



WHITE FRINGETREE
Chionanthus virginicus
DECIDUOUS
HEIGHT: 12-30 ft
SPREAD: 12-20 ft
BLOOM: APRIL TO MAY, FRAGRANT WHITE FLOWER
INTERESTS: YELLOW FALL COLOR, WINTER BLOOM
HABITAT CONTRIBUTION: FRUITS ARE EATEN BY BIRDS, ATTRACTS POLLINATORS



DWARF EASTERN WHITE PINE
Pinus strobus 'Nana'
EVERGREEN
HEIGHT: 2-7 ft
SPREAD: 2-10 ft
HABITAT CONTRIBUTION: PROVIDE FOOD FOR SONG BIRDS AND SMALL MAMMALS



JIM DANDY WINTERBERRY
Ilex verticillata 'Jim Dandy'
DECIDUOUS
HEIGHT: 6-10 ft
SPREAD: 6-10 ft
BLOOM: (MALE) INCONSPICUOUS SPRING FLOWERS
HABITAT CONTRIBUTION: ATTRACTS POLLINATORS



RED SPRITE WINTERBERRY
Ilex verticillata 'Red Sprite'
DECIDUOUS
HEIGHT: 3-5 ft
SPREAD: 3-5 ft
BLOOM: (FEMALE) INCONSPICUOUS SPRING FLOWERS
INTERESTS: RED BERRIES, THROUGH WINTER
HABITAT CONTRIBUTION: ATTRACTS BIRDS & POLLINATORS



LITTLE HENRY SWEETSPIRE
Itea virginica 'Little Henry'
DECIDUOUS
HEIGHT: 2-3 ft
SPREAD: 2-3 ft
BLOOM: LATE SPRING, EARLY SUMMER, LONG WHITE FLOWERS
INTERESTS: RED FALL COLOR, FLOWERS
HABITAT CONTRIBUTION: ATTRACTS BUTTERFLIES



SPICE BUSH
Lindera benzoin
DECIDUOUS
HEIGHT: 6-12 ft
SPREAD: 6-12 ft
BLOOM: APRIL, WHITE/YELLOW FRAGRANT FLOWERS
INTERESTS: RED FRUITS
HABITAT CONTRIBUTION: ATTRACTS BIRDS & BUTTERFLIES

PRELIMINARY PLANTING PALETTE – GROUNDCOVERS

HERBACEOUS - SUN



MILLENIUM ORNAMENTAL ONION
Allium x 'Millenium'



ROZANNE CRANESBILL
Geranium x 'Rozanne'



FLORISTAN WHITE BLAZING STAR
Liatris spicata 'Floristan White'



BLUE MOON WOODLAND PHLOX
Phlox divaricata 'Blue Moon'



MOUNTAIN STONECROP
Sedum ternatum



PURPLE POPPYMALLOW
Callirhoe involucrata

HERBACEOUS - SHADE



AVONDALE BLUE WOOD ASTER
Aster cordifolius 'Avondale'



PLANTAIN-LEAVED SEDGE
Carex plantaginea



WREATH GOLDENROD
Solidago caesia



ECO RUNNING TAPESTRY FOAMFLOWER
Tiarella cordifolia 'Eco Running Tapestry'

HERBACEOUS - GROUNDCOVERS



OVERDAM FEATHER REED GRASS
Calamagrostis x acutiflora 'Overdam'



ROBBIE'S PURPLE WOOD SPURGE
Euphorbia amygdaloides 'Robbie'



ST. JOHN'S WORT
Hypericum calycinum 'Fiesta'



AUTUMN MOOR GRASS
Sesleria autumnalis



TARA PRAIRIE DROPSEED
Sporobolus heterolepis 'Tara'



ELIJAH BLUE FESCUE
Festuca glauca 'Elijah Blue'



ORANGE STONECROP
Sedum kamtschaticum



MOUNTAIN STONECROP
Sedum ternatum

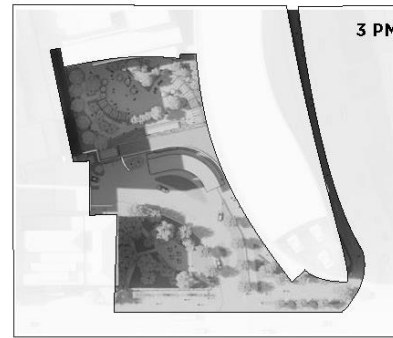


ST. JOHN'S WORT
Hypericum calycinum 'Fiesta'

SUN/SHADE STUDY – OVERALL SITE

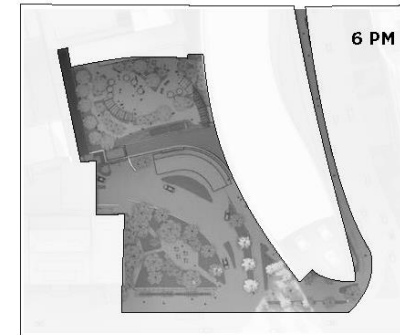
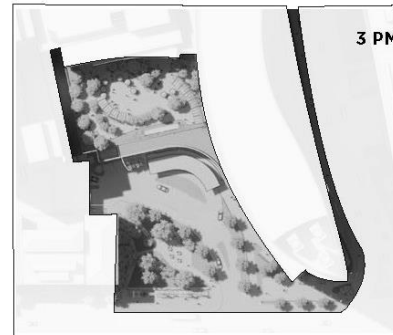
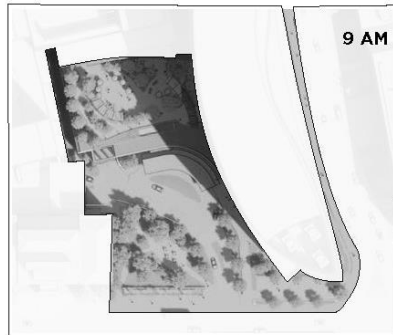
SPRING/FALL EQUINOX

March 20
September 22



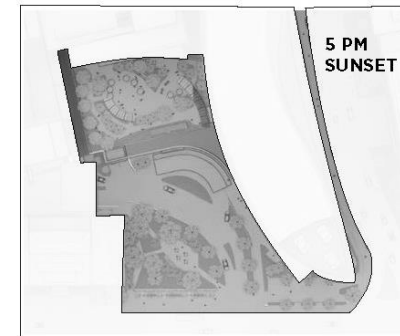
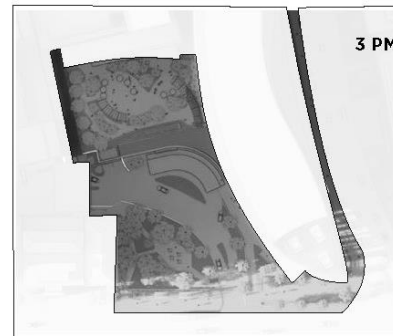
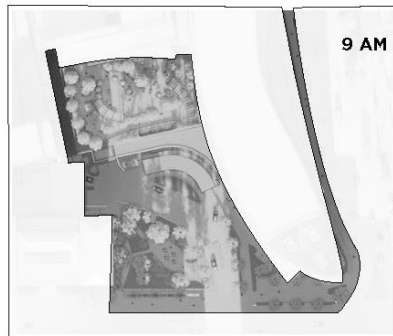
SUMMER SOLSTICE

June 21



WINTER SOLSTICE

December 21



SUN/SHADE STUDY – ROOF TERRACE AT SUMMER SOLSTICE (JUNE 21)



12 PM



2 PM



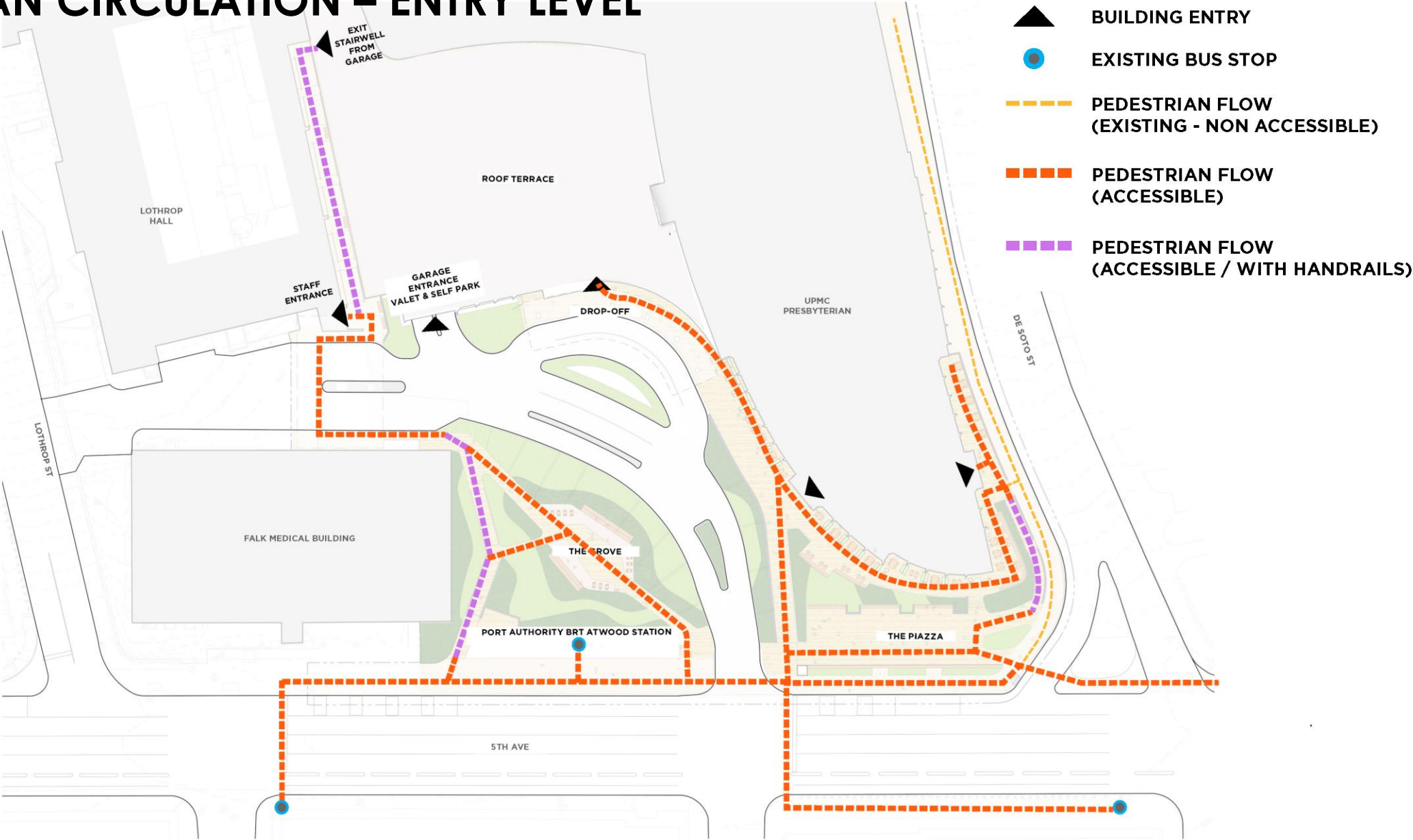
4 PM

- *Permanent shade structure over stage*
- *Permanent shade structure over outdoor dining area*
- *Strategically placed large shade trees*
- *Paving Materials comply with LEED heat island reduction requirement*

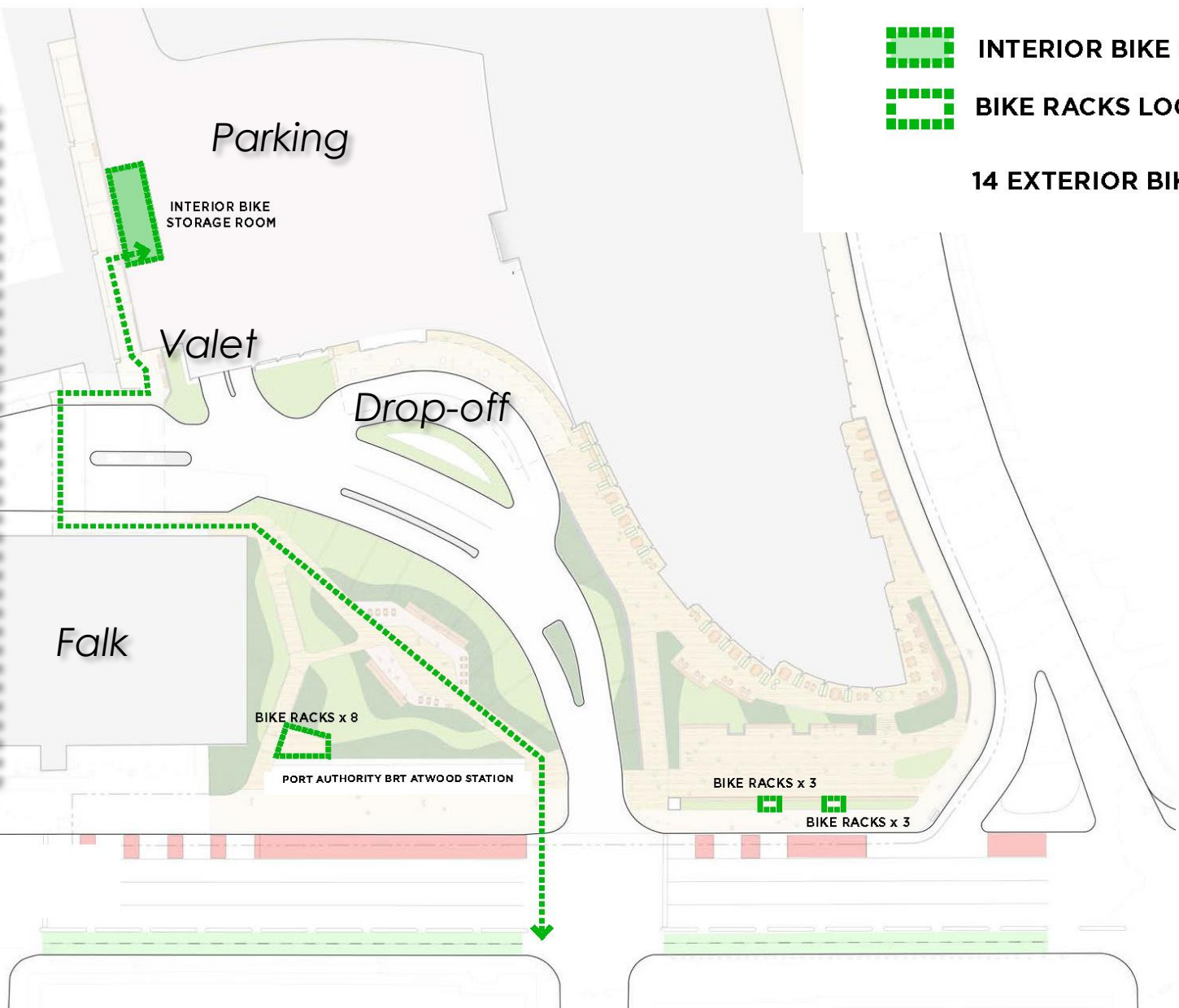
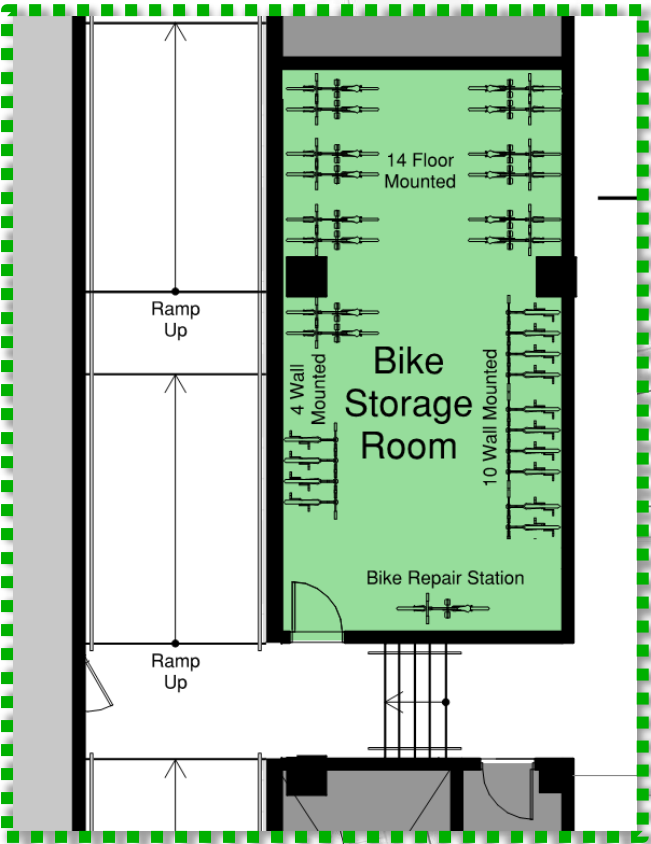
ROOF TERRACE



PEDESTRIAN CIRCULATION – ENTRY LEVEL



BICYCLE STORAGE



INTERIOR BIKE STORAGE ROOM

BIKE RACKS LOCATION

14 EXTERIOR BIKE RACKS IN TOTAL

FUTURE BIKE LANES
* FROM BUS RAPID TRANSIT ROADWAY
SIGNAGE & PAVEMENT MARKING PLANS

SITE AERIAL LOOKING NORTH-EAST





Community Engagement

COMMUNITY ENGAGEMENT SUMMARY

Community Engagements

July 13, 2021	Oakland Task Force
July 27, 2021	Schenley Farms Meeting
July 27, 2021	Oakland Business Improvement District
August 31, 2021	Oakland Planning Development District Community Meeting
October 11, 2021	BirdSafe Pittsburgh
November 2, 2021	Intro Meeting w/ Nadine Masagara-Taylor of West Oakland
November 9, 2021	West Oakland Neighborhood Council
November 19, 2021	Tree Pittsburgh
November 30, 2021	OPDC Development Activities Meeting
December 14, 2021	Contextual Design Advisory Panel Meeting

Upcoming Milestones

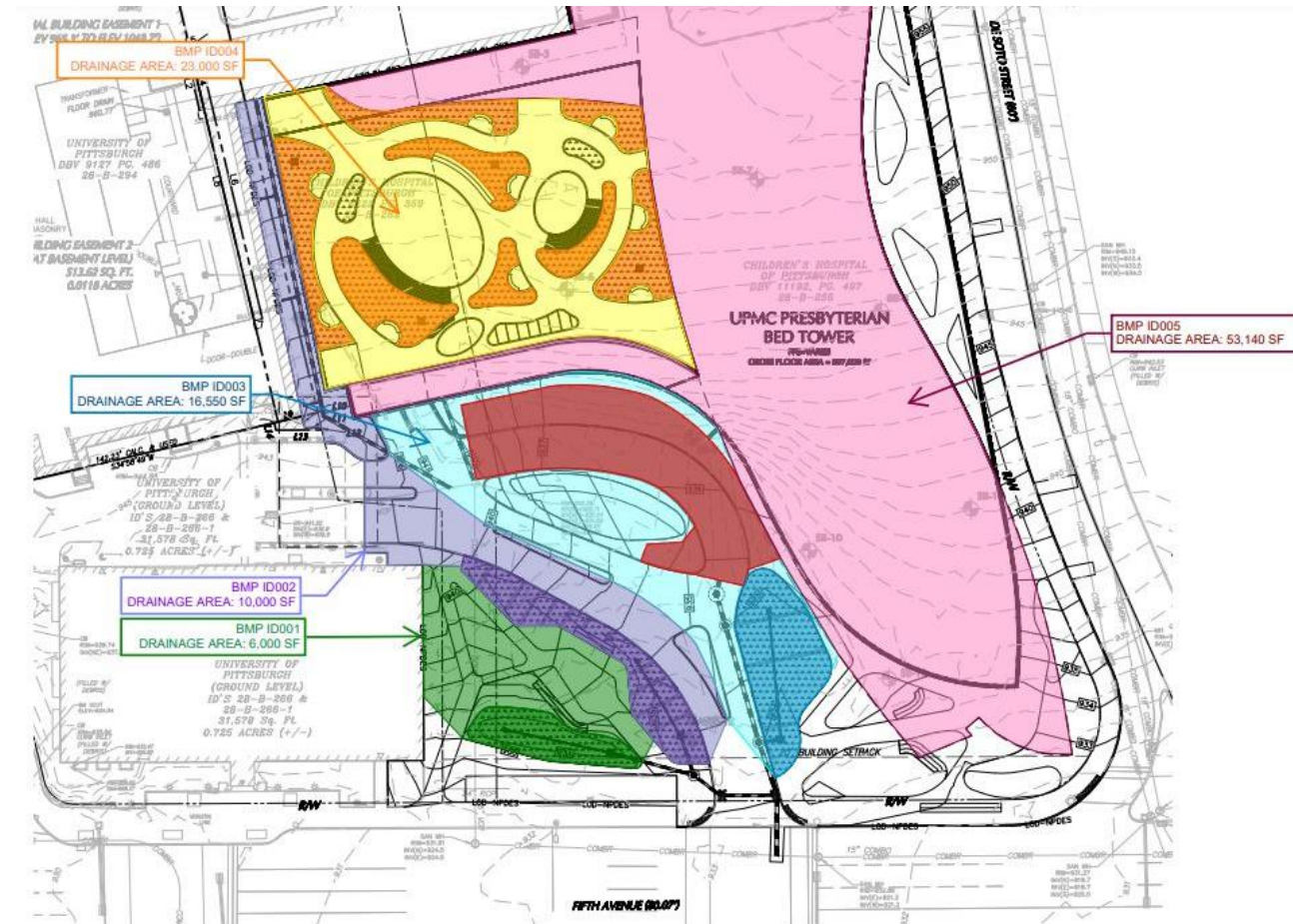
Early March	Planning Commission Briefing
Late March	Planning Commission Hearing



Performance Targets

Performance Targets Meetings

- **Meeting #1** = August 20, 2021
- **Meeting #2** = October 13, 2021
- **Meeting #3** = December 10, 2021
- Stormwater management plan has been reviewed and **approved by DCP** in October 2021
 - Site will use a mix of the following to effectively manage stormwater
 - Bio-Retention / Rain Gardens
 - Intensive Green Roofs on Structure
 - Below grade gravel release structure
 - Reduction of run off **5,300 cu.ft.** (40,000 gallons)
 - Stormwater release rates **reduced** from 1 year up **to 100 year event**
- Project team is targeting **LEED Silver** Certification
- Project Team is targeting **75% diversion** of on-site construction waste



Energy Usage Intensity & Water Usage Intensity

- Project team is targeting **45% reduction** of energy use from the baseline

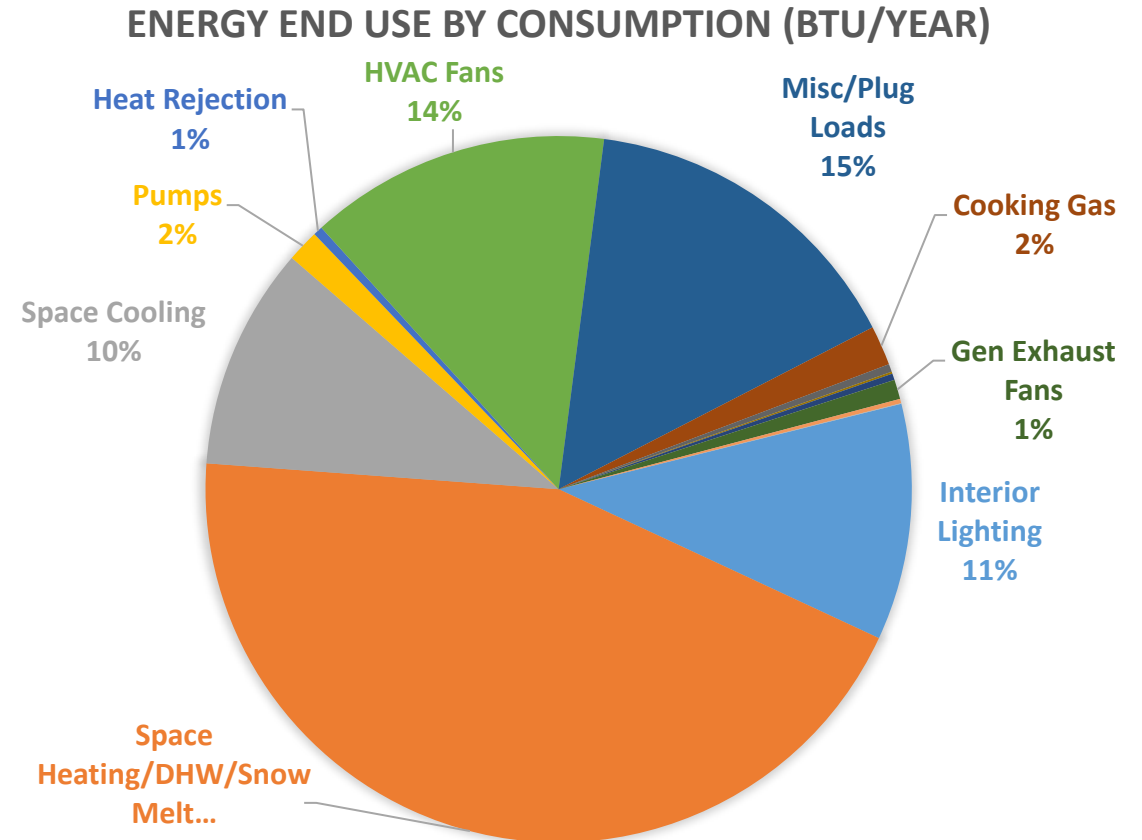
Hospital Tower EUI – 227 kBtu/sf/yr

Parking Garage EUI – 6.4 kBtu/sf/yr

Composite EUI – 180 kBtu/sf/yr

- N+1 Systems + “Pandemic Mode” have been incorporated for added resiliency
- Project team is targeting **26% reduction** of water use from the baseline

Targeting WUI of 47 gallons / sf





Diversity, Equity, Inclusion

Diversity, Equity, Inclusion Council (DEIC)

UPMC has structured a Diversity, Equity & Inclusion effort that expands the boundaries of **Enterprise Spending**, **Workforce Development**, and **Community Engagement**. While all of these are spaces in which UPMC has invested much energy, the UPMC Presbyterian initiative provides a special opportunity to expand these efforts. The work is designed to be replicable scalable, and sustainable with the infrastructure required to support meaningful and long-term commitment.

Enterprise Initiatives

- Contractual Requirements for **Diverse Spend (15%)**
- **Targeted Bid Packages** for diverse businesses
- Focus on **Partnerships with Diverse Vendors** with Mentor-Protegee Priority
- **Expanding the List of Qualified Vendors** by implementing a graduated Qualification system for New Vendors and Expanding the Solicitation Area for Vendors in Under Supported Categories
- **Flexible Contracts and Payment Structure** for Diverse Businesses

Diversity, Equity, Inclusion Council (DEIC)

Workforce Initiatives

- **12% Minority Workforce Target**
- **6.9% Women Workforce Target**
- Voluntary Veteran, Disabled Veteran, Disabled, and LGBTQ+ Workforce Tracking
- Residency Workforce Tracking

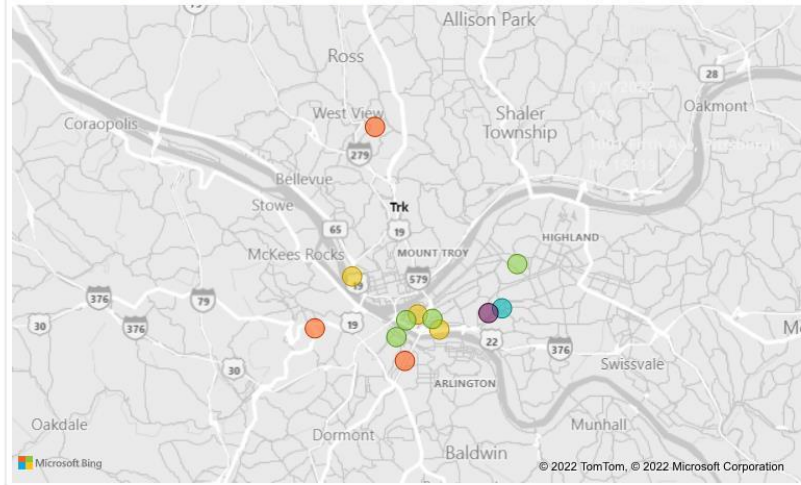
Community Initiatives

- Provide and **Facilitate Long-term Education, Training, and Career Building** Resources
- Support Diverse **Local Businesses**
- Support **Neighborhood and Social Programs**

UPMC PRESBYTERIAN COMMUNITY ENGAGEMENT



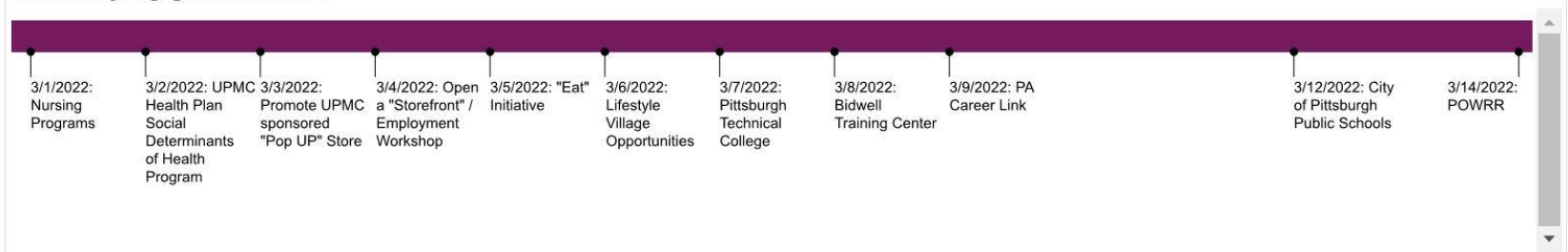
● Companies ● Engagement Opportunity ● Individual ● Jobsite ● Neighborhood



Count of Engagements and Attendees



Community Engagement Timeline



Community Engagement in Oakland

Affordable Housing

- **Second Avenue Commons (formerly know as Project Cares)**
 - Second Avenue Commons is a sanctuary and support facility for people experiencing homelessness in downtown Pittsburgh.
 - Led by PNC, this project is currently being constructed on 2nd Avenue near the Allegheny County Jail and being funded by a number of Western Pa companies and organizations.
 - UPMC is contributing \$6M in clinical care toward the project.
- **Presbyterian Senior Care LGBTQ Affordable Housing**
 - Near Forbes & Craft, UPMC has provided a no-cost ground lease for a \$2M parcel of land to enable this project.
 - This project is designed to enhance safe and affordable housing to the members of the LGBTQ Senior Community.
 - This new community will be the first of its kind in Western Pennsylvania and one of a very few in the nation.

Community Engagement in Oakland

Oakland Land Trust

- *In partnership with the Oakland Planning and Development Corporation for the Oakland Community Land Trust initiative, UPMC has helped fund loans and promoted homes for sale through their internal channels to help build residential growth and promote affordable homeownership in the Oakland community.*
- *The Oakland Community Land Trust provides for inclusive and equitable development, community empowerment, and neighborhood stability for the community of Oakland and surrounding areas.*
- *UPMC has loaned or was the guarantor to OPDC for \$862,000 for affordable housing in Oakland over the past ten (10) years.*

Community Engagement in Oakland

CHS Oakland Food Pantry / Peoples Oakland

- **Over the past 11 years, UPMC has raised over \$600,000 in donations from their Annual UPMC Presbyterian Shadyside Golf Outing, which mostly benefited Community Human Services Oakland Food Pantry and Peoples Oakland**
 - *In 2020-2021, CHS Oakland Food Pantry, located at 370 Lawn Street in Oakland, distributed over 250 tons of fresh produce, meat & dairy, and healthy canned goods, and serves an average of 850 families each month.*
 - *Peoples Oakland is located at the corner of Bates and Zulema Streets in Oakland. They serve over 200 members with chronic mental illness throughout Allegheny County by providing Counseling & Therapeutic Support, Social & Recreational Services, Nutrition & Fitness Services, and Employment Services.*

Community Engagement in Oakland

Argyle Studio

- **Argyle Studio is a pop-up retail facility where a variety of vendors can pay a small fee to participate without sacrificing a portion of their sales.**
 - *Argyle Studio provides an affordable premium retail access location for vendors. Vendors can choose to be in the store for one month or become an anchor vendor and stay for three months. The plan is to rotate fresh vendors into the shop throughout the duration of the pop-up.*
- **The concept for Argyle Studio came from the Oakland Business Improvement District, with support from Innovate PGH, the Redevelopment Authority of Allegheny County Community Infrastructure & Tourism Fund, the City of Pittsburgh and the Urban Redevelopment Authority. UPMC, another project partner, provided the storefront.**
 - *UPMC has donated this retail space (rent free) to support this initiative.*





Public Art

Exterior Locations



Ned Kahn

Fifth Ave and DeSoto Façades



Stacy Levy

Garden

Interior Public Places

Martha Jackson Jarvis

*And Jackson Jarvis Studio
Inpatient Lobby*



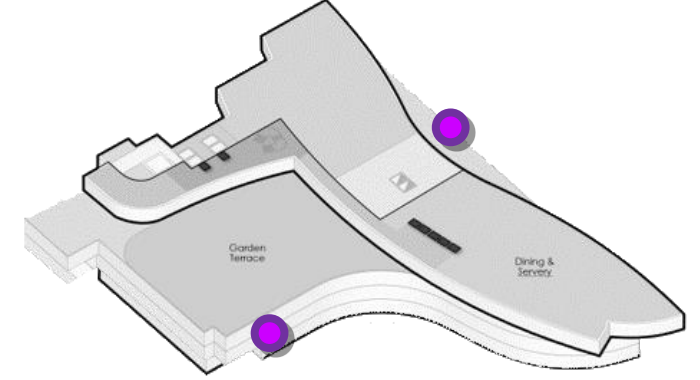
Norie Sato

Spiritual Center

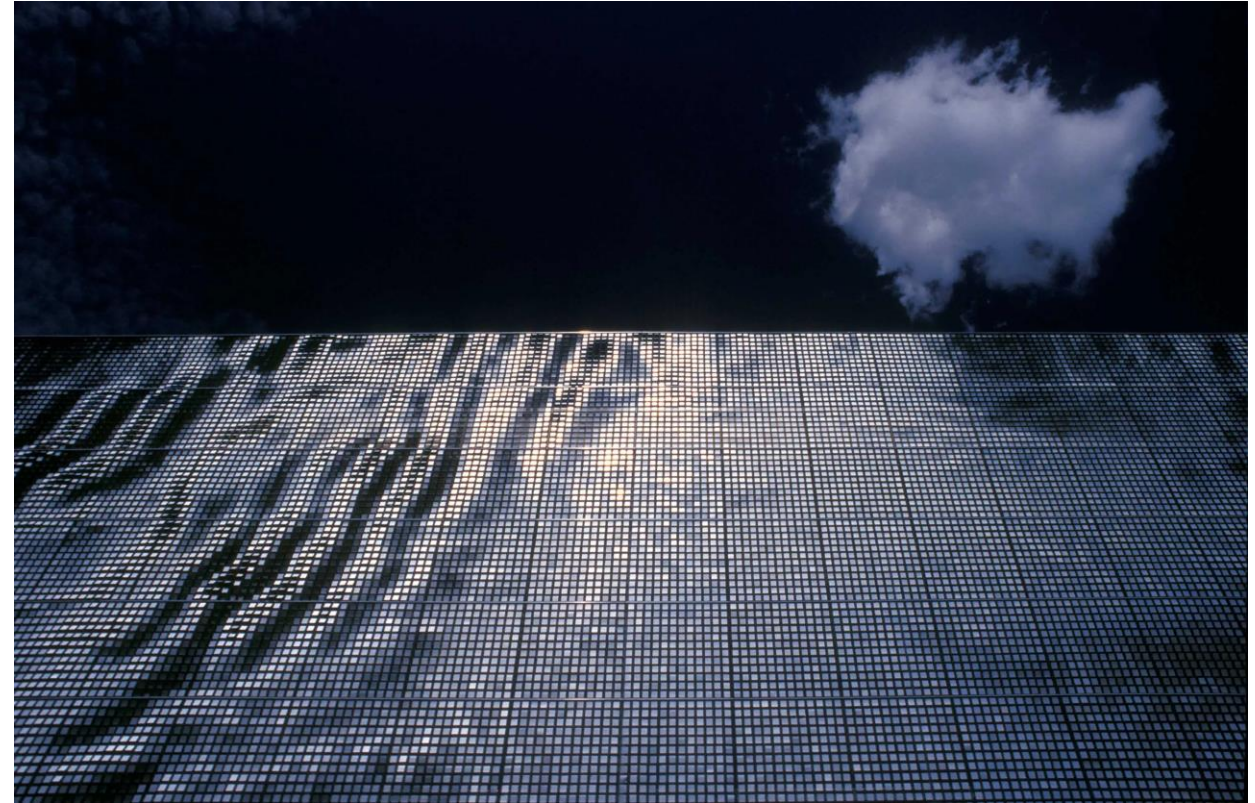
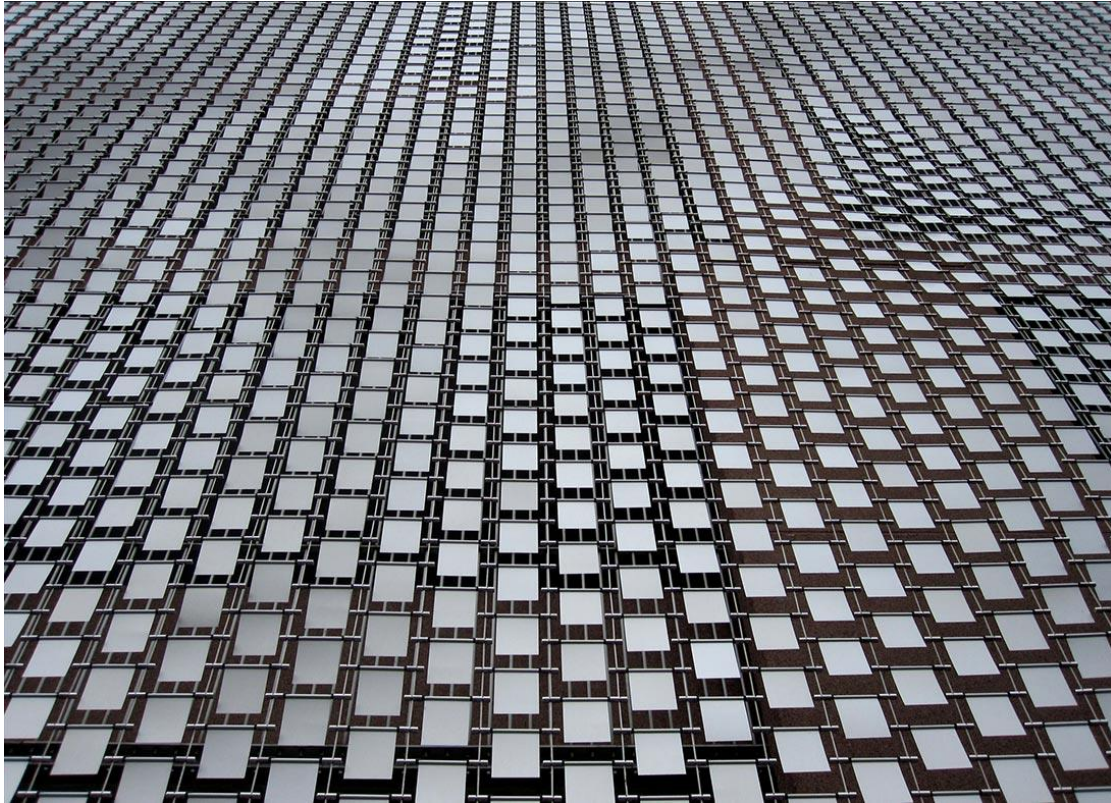


Erwin Redl

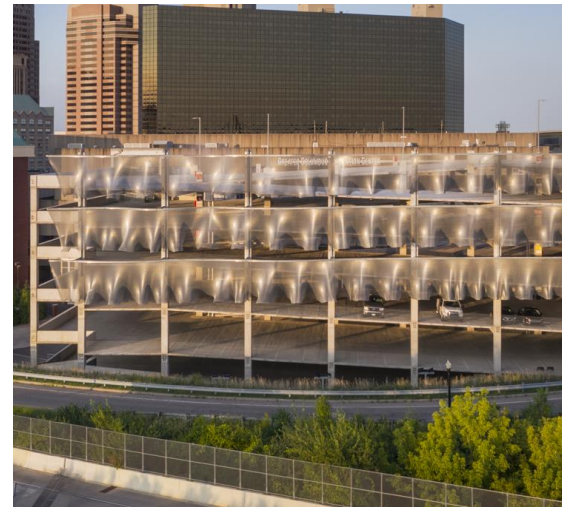
Lifestyle Village



Fifth Ave and DeSoto Street Facades



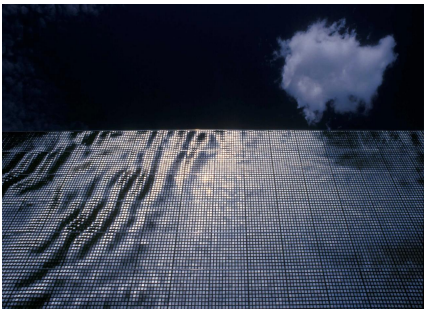
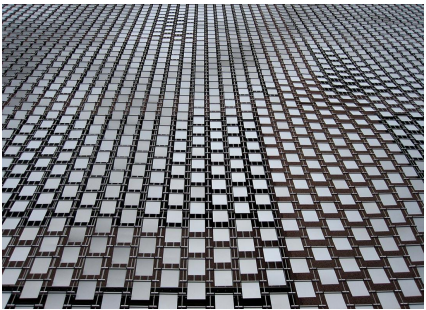
**NED KAHN: Wind Activated,
Kinetic Façade Sculpture**



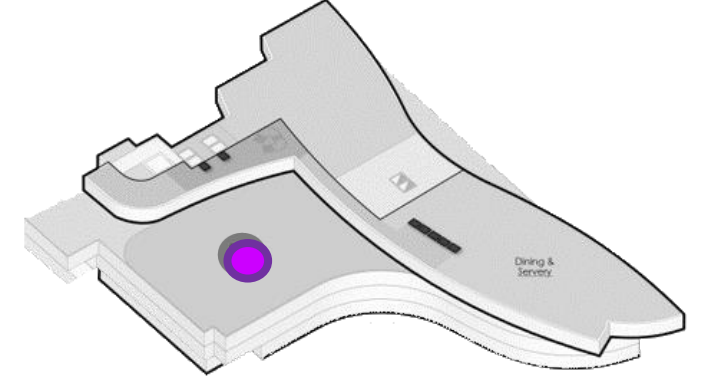


<https://vimeo.com/51336804>

Ned Kahn



De Soto Street looking south



Garden



STACY LEVY: Hardscape Design Features Referencing Nature



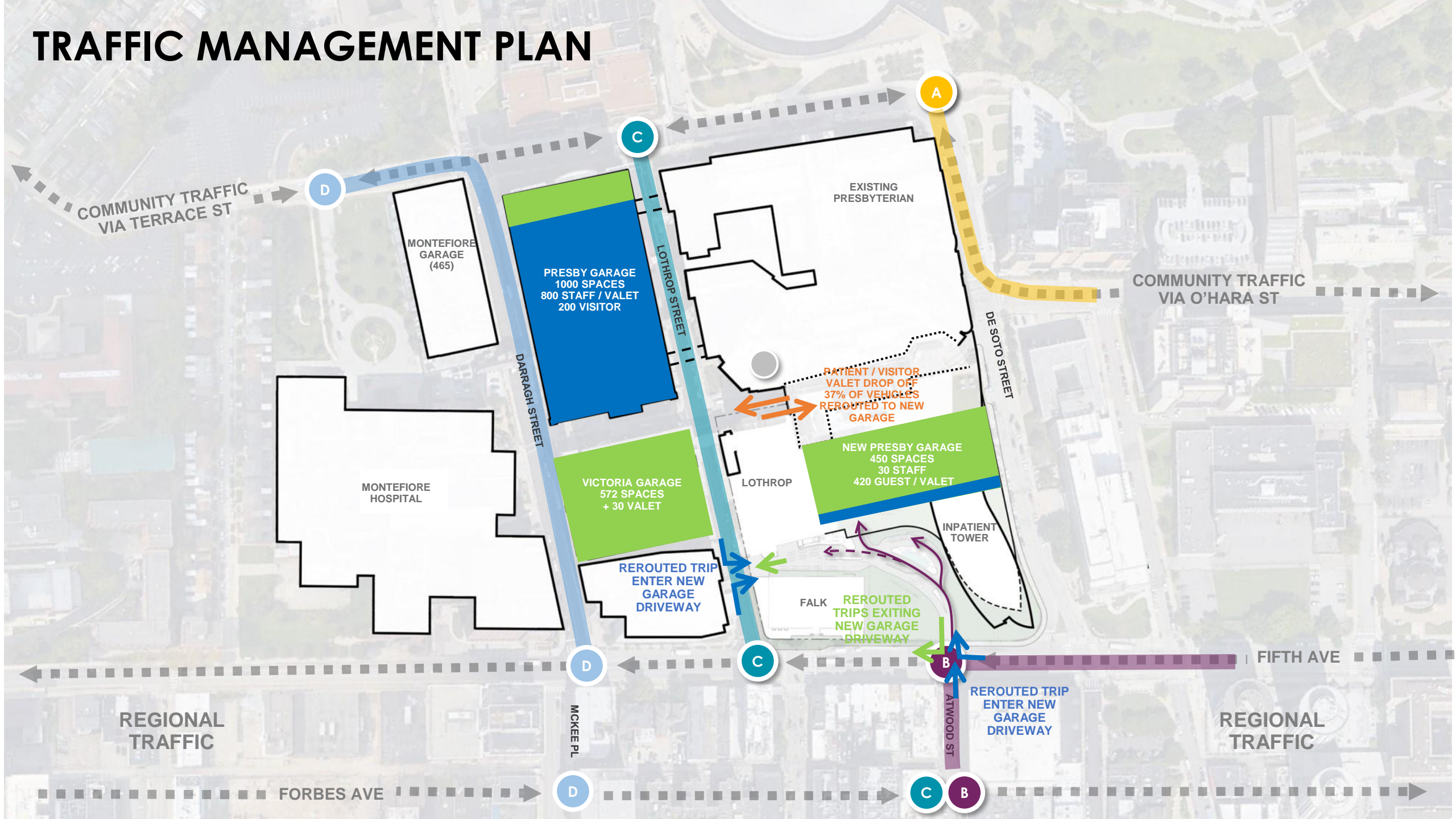


Transportation & Parking Analysis

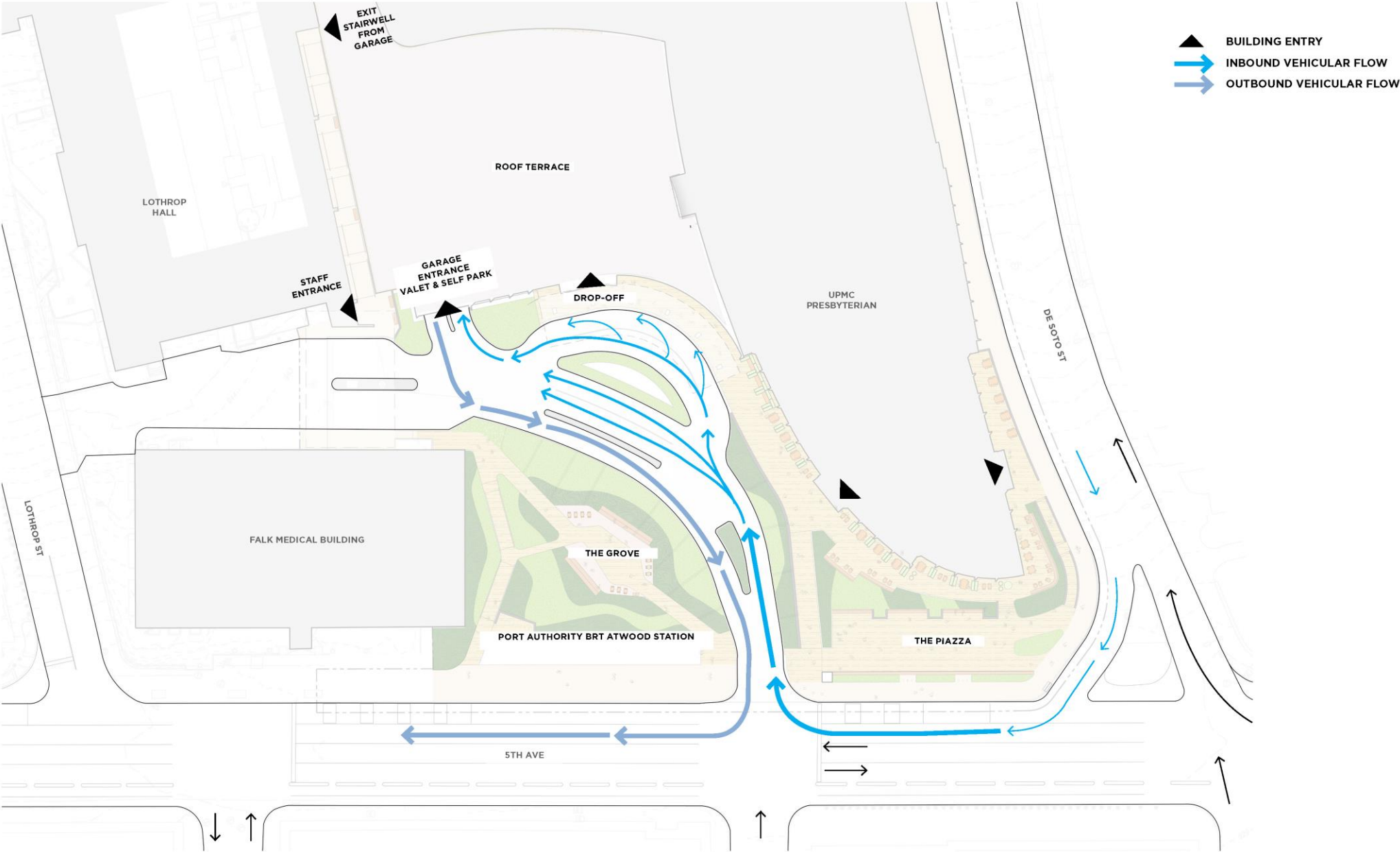
TRAFFIC MANAGEMENT PLAN

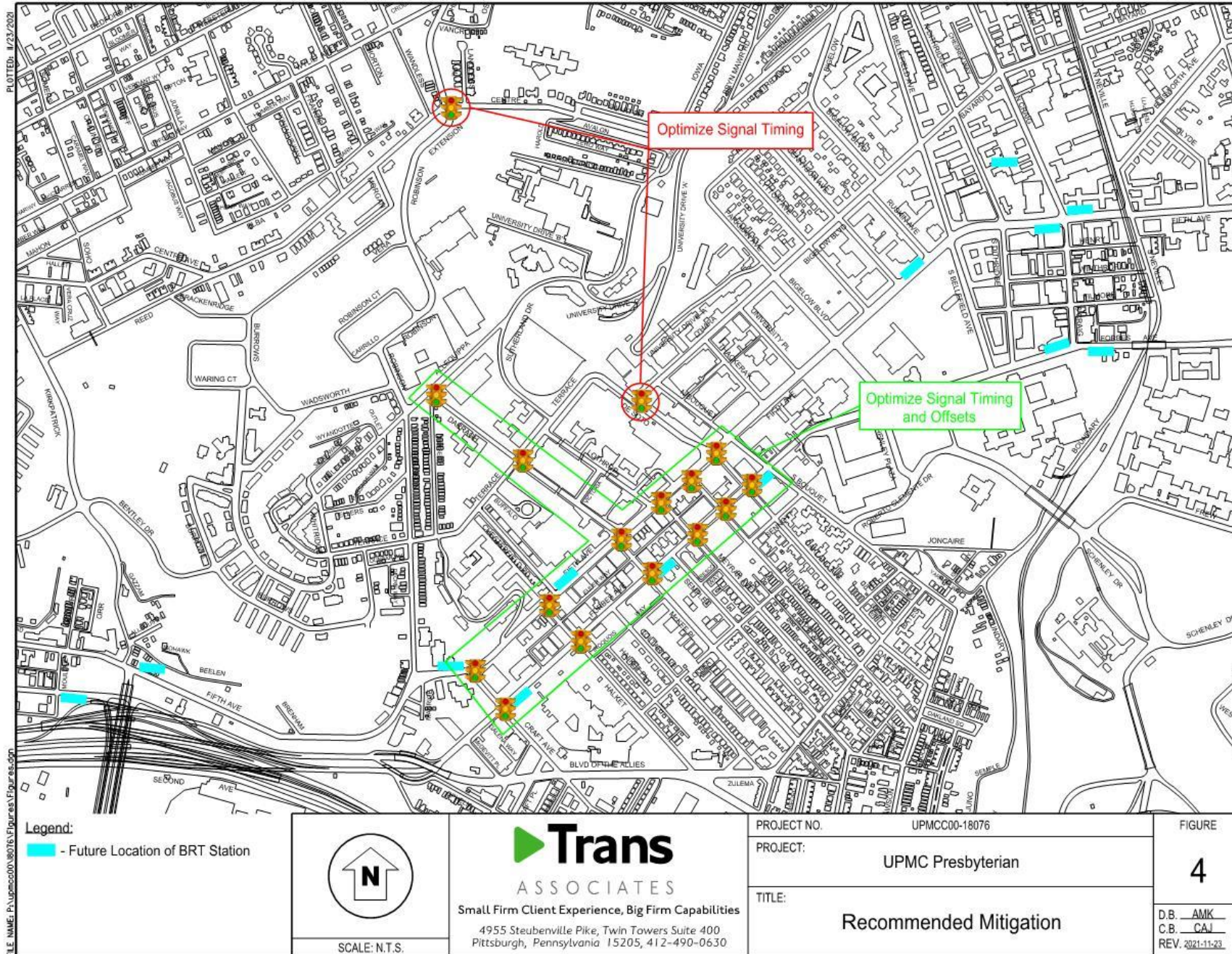


TRAFFIC MANAGEMENT PLAN



VEHICULAR MOVEMENTS





TDM Strategies for Employees

- *UPMC will create a TDM Coordinator position to manage TDM strategies and initiatives.*
- *UPMC is a title sponsor of Walk Pittsburgh.*
- *UPMC participates in the regional Commute Info carpooling/vanpooling matching program.*
- *UPMC provides preferred parking locations and reduced pricing for carpools and vanpools.*
- *Pretax transit benefits for employees using payroll deduction Port Authority bus pass are available.*
- *UPMC provides secure bicycle parking with repair stations and equipment.*
- *Electric Vehicle (EV) charging stations are installed in most of UPMC's garages and lots.*
- *UPMC holds annual transportation fairs at various UPMC Hospitals and work locations.*
- *UPMC is currently evaluating a Scoop rideshare program in detail.*
- *UPMC is currently evaluating a program of Uber service for business, for last mile connections between UPMC campuses and UPMC off-site employee parking facilities.*
- *UPMC is in the early stages of exploring a program of employee transit passes with the Port Authority of Allegheny County.*

TDM Strategies for Patients and Visitors

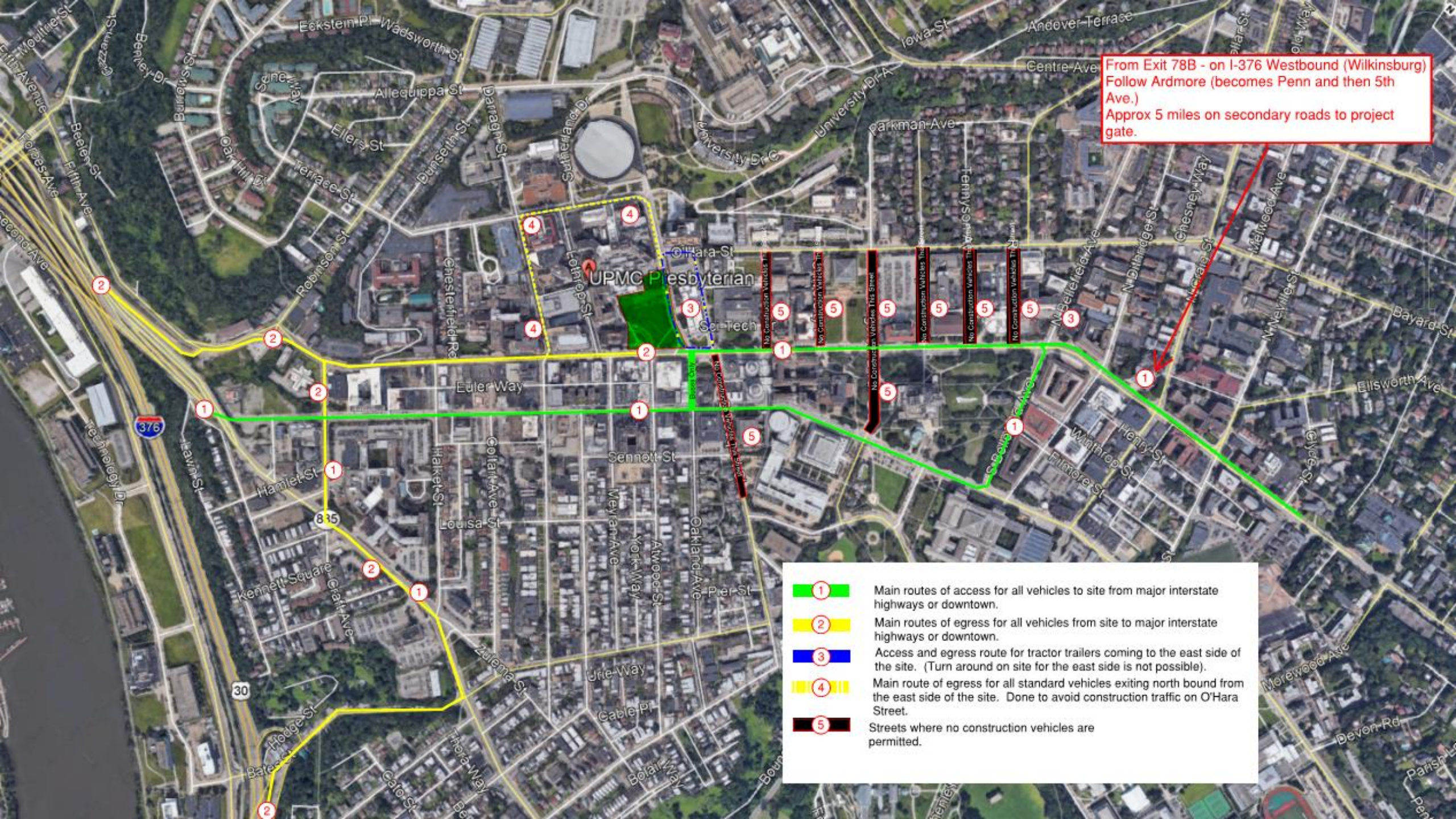
Patients, visitors, and the general public could take advantage of TDM initiatives that could include:

- *Bicycle storage facilities.*
- *Easily accessible Uber/Lyft pick-up/drop-off locations.*
- *Last-mile transit connections.*
- *Evaluate offering coordinated Uber service to bring local patients from home to UPMC Presbyterian (direct door-to-door contract).*
- *Include information on public transit, bicycling, pedestrian paths, and car share stations on the UPMC Presbyterian website(s), and provide this information and links to UPMC physician offices for use by their patients.*
- *Plan deployment of real-time transit and rideshare information screens in the main lobby of UPMC Presbyterian to allow both patients/visitors and employees to see their options before they leave the facility.*

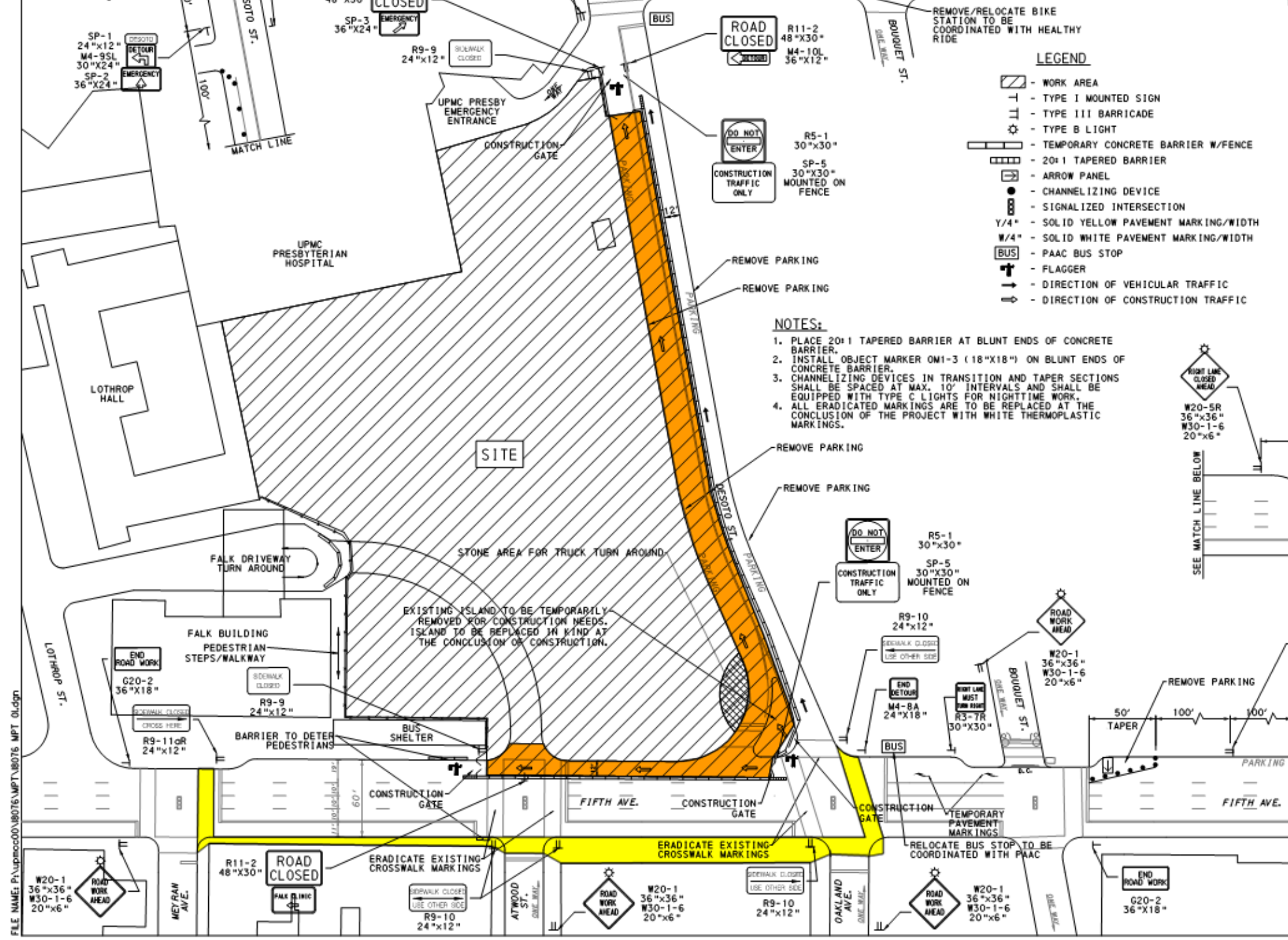


Construction Management Plan

From Exit 78B - on I-376 Westbound (Wilkinsburg)
Follow Ardmore (becomes Penn and then 5th Ave.)
Approx 5 miles on secondary roads to project gate.



- ① Main routes of access for all vehicles to site from major interstate highways or downtown.
- ② Main routes of egress for all vehicles from site to major interstate highways or downtown.
- ③ Access and egress route for tractor trailers coming to the east side of the site. (Turn around on site for the east side is not possible).
- ④ Main route of egress for all standard vehicles exiting north bound from the east side of the site. Done to avoid construction traffic on O'Hara Street.
- ⑤ Streets where no construction vehicles are permitted.



FILE NAME: P:\upmoc00\18076\MPT\18076 MPT OL.dgn



UPMC

LIFE CHANGING MEDICINE

Thank You!

